AIM

Association for Information and Image Management

1100 Wayne Avenue, Suite 1100
Silver Spring, Maryland 20910
301/587-8202

Centimeter

Inches

MANUFACTURED TO AIM STANDARDS
BY APPLIED IMAGE, INC.

1 of 2

(CLASSIFICATION)

SUBJECT

DECLASSIFIED

Atlantic Richfield Hanford Company
Richland, Washington 99352

ISSUING FILE

CIRCULATING COPY

RECEIVED

OCT 16 1967

RETURN TO ARHCO
DOCUMENT CONTROL
271-U Bldg., 200 West

LITERATURE ACCESS CATEGORIES

HANFORD CODE C-65

DOCUMENT NO.

ARH-100 R0

SERIES AND COPY NO.

A-1

DATE

October 12, 1967

TITLE AND AUTHOR

DISSOLVER OPERATION AND METAL TRANSFER

AUTHOR: O. F. BEAULIEU

RESTRICTED DATA

THIS DOCUMENT CONTAINS INFORMATION WHICH, IF DISCLOSED, COULD BE DANGEROUS TO THE NATIONAL DEFENSE OR THE NATIONAL SECURITY OF THE UNITED STATES WITHIN THE MEANING OF THE ATOMIC ENERGY ACT OF 1954, AS AMENDED, OR ANY OTHER FEDERAL LAW, OR THE TRANSMISSION OR REVELATION OF WHICH IN ANY MANNER TO AN UNAUTHORIZED PERSON, OR THE RECEIPT OF WHICH BY AN UNAUTHORIZED PERSON, COULD BE DANGEROUS TO THE NATIONAL DEFENSE OR THE NATIONAL SECURITY OF THE UNITED STATES WITHIN THE MEANING OF THE ATOMIC ENERGY ACT OF 1954, AS AMENDED, OR ANY OTHER FEDERAL LAW.

OTHER OF

THIS MATERIAL CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ATOMIC ENERGY ACT OF 1954, AS AMENDED, OR ANY OTHER FEDERAL LAW, OR THE TRANSMISSION OR REVELATION OF WHICH IN ANY MANNER TO AN UNAUTHORIZED PERSON, OR THE RECEIPT OF WHICH BY AN UNAUTHORIZED PERSON, COULD BE DANGEROUS TO THE NATIONAL DEFENSE OR THE NATIONAL SECURITY OF THE UNITED STATES WITHIN THE MEANING OF THE ATOMIC ENERGY ACT OF 1954, AS AMENDED, OR ANY OTHER FEDERAL LAW.

THIS DOCUMENT MUST NOT BE LEFT UNATTENDED WHERE AN UNAUTHORIZED PERSON MAY HAVE ACCESS TO IT WHEN NOT IN USE. IT IS TO BE STORED IN AN APPROVED SECURED REPOSITORY WITHIN AN APPROVED SECURED AREA WHILE IT IS IN YOUR POSSESSION AND UNTIL YOU RETURN IT TO YOUR CLASSIFIED DOCUMENT RESPONSIBILITY STATION. IT IS YOUR RESPONSIBILITY TO KEEP IT WITHIN ITS LIMITS WITHIN THE LIMITS OF THIS PROJECT FROM ANY UNAUTHORIZED PERSON. ITS TRANSMITTAL AND STORAGE AT YOUR RESIDENCE IS PROHIBITED. IT WILL BE DUPLICATED IN ACCORDANCE WITH EXISTING SECURITY REGULATIONS. ALL PERSONS HANDLING THIS DOCUMENT ARE REQUESTED TO SIGN IN THE SPACE BELOW.

ROUTE TO:

PAYROLL NO.

LOCATION

FILES ROUTE
DATE

SIGNATURE AND DATE

R. L. Walser

60919

SEP 22 1972

J. D. Nicholson

60991

202A

DEC -8 1972

J. A. Nicholson

60991

202-A

SEP 30 1976

R. L. Walser

60919

202A

APR 11 1977

RECORD COPY

Classification Canceled and Changed To

DECLASSIFIED

By Authority of CG-PR 2

DS Lewis 1-14-94

By PL Sullivan 1-26-94

Verified By

**CLASSIFICATION REVIEWED FOR
DECLASSIFICATION BUT LEFT**

UNC:

A. E. Barker

MASTER

DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED

DECLASSIFIED

(CLASSIFICATION)

(CLASSIFICATION)

SUBJECT

DECLASSIFIED

LITERATURE ACCESS CATEGORIES

HANFORD CODE C-65

DOCUMENT NO.

ARH-100 RD

SERIES AND COPY NO.

A-1

DATE

Atlantic Richfield Hanford Company

DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

BECC

ROUTE TO:	PAYROLL NO.	LOCATION	FILES ROUTE DATE	SIGNATURE AND DATE
O. F. BEAULIEU	60157	202A, 200-E	OCT 17 1967	L. B. Duncan
	60256	202A, 200-E	OCT 24-67	For R. Tate
	60274	202A 200E	OCT 24-67	H. Fisher
	60446	202A 200E	OCT 24. 67	R. J. Hobart
	60259	202A 200-E	OCT 24. 67	H. H. Smith
	60265	202A 200E	OCT 25. 67	Chas. H. Dittler
	60443	202A 200E	OCT 26-67	Ar. Rice
	60650	202A 200E	10-25-67	C. A. Meador
	61047	202A 200E	10-25-67	
	60258	202A 200E	10-25-67	
	61600	202A 200E	10-25-67	M. M. Beamy
	60612	2704-11	10-26-67	
	61469	202A 200E	10-27-67	
	60282	202A 200E	10-30-67	J. L. Armstrong
	60855	202A 200E	10-30-67	
	60476	2704W 200W	11-1-67	
	60857		11-1-67	
	60683		11-26-67	

60596 FH/1006
3-16-71
54-6100-150 (8-67)
RECEIVED RICHLAND WASH

SECRET
DECLASSIFICATION

ARH 100 RD

COPY 18 OF A-1 SERIES

CONTINUOUS PAGINATION FOR_____

[illegible]

THIS CONTINUOUS PAGINATION FORM IS TO BE USED FOR REVISING CLASSIFIED MANUALS OR ACCUMULATING CLASSIFIED WORKING PAPERS IN A BINDER ISSUED AND CONTROLLED BY CLASSIFIED FILES.

ARN 100 RDCOPY 18 OF A-1 SERIES

CONTINUOUS PAGINATION FOR _____

AS OF <u>3-18-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>61</u> PAGES	<u>C-38</u>
AS OF <u>3-18-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>62</u> PAGES	<u>C-39</u>
AS OF <u>3-19-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>63</u> PAGES	<u>C-40</u>
AS OF <u>3-20-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>64</u> PAGES	<u>C-41</u>
AS OF <u>3-20-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>65</u> PAGES	<u>C-42</u>
AS OF <u>3-21-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>66</u> PAGES	<u>C-43</u>
AS OF <u>3-29-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>67</u> PAGES	<u>B-1</u>
AS OF <u>3-30-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>68</u> PAGES	<u>C-2</u>
AS OF <u>4-2-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>69</u> PAGES	<u>C-3</u>
AS OF <u>4-2-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>70</u> PAGES	<u>C-4</u>
AS OF <u>4-4-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>71</u> PAGES	<u>C-5</u>
AS OF <u>4-5-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>72</u> PAGES	<u>C-6</u>
AS OF <u>4-10-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>74</u> PAGES	<u>C-51</u>
AS OF <u>4-14-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>75</u> PAGES	<u>B-52</u>
AS OF <u>4-16-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>76</u> PAGES	<u>C-53</u>
AS OF <u>4-17-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>77</u> PAGES	<u>C-54</u>
AS OF <u>4-19-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>78</u> PAGES	<u>C-55</u>
AS OF <u>4-20</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>79</u> PAGES	<u>C-56</u>
AS OF <u>5-2-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>80</u> PAGES	<u>C-57</u>
AS OF <u>5-4-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>81</u> PAGES	<u>C-58</u>
AS OF <u>5-5-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>82</u> PAGES	<u>C-59</u>
AS OF <u>5-10-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>83</u> PAGES	<u>C-60</u>
AS OF <u>5-12-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>84</u> PAGES	<u>C-61</u>
AS OF <u>5-16-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>85</u> PAGES	<u>C-62</u>
AS OF <u>5-17-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>86</u> PAGES	<u>C-63</u>
AS OF <u>5-19-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>87</u> PAGES	<u>C-64</u>
AS OF <u>5-22-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>89</u> PAGES	<u>C-66</u>
AS OF <u>5-23-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>90</u> PAGES	<u>C-67</u>
AS OF <u>5-25-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>91</u> PAGES	<u>C-68</u>
AS OF <u>5-26-72</u> (DATE)	THIS DOCUMENT CONSISTS OF <u>92</u> PAGES	<u>C-69</u>

THIS CONTINUOUS PAGINATION FORM IS TO BE USED FOR REVISING CLASSIFIED MANUALS OR ACCUMULATING CLASSIFIED WORKING PAPERS IN A BINDER ISSUED AND CONTROLLED BY CLASSIFIED FILES.

APR 100 PD

COPY 17 OF A-1 SERIES

CONTINUOUS PAGINATION FOR _____

AS OF	<u>2-14</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>28</u>	PAGES	<u>C-4</u>
AS OF	<u>2-15</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>29</u>	PAGES	<u>C-7</u>
AS OF	<u>2-16</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>30</u>	PAGES	<u>C-8</u>
AS OF	<u>2-19</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>31</u>	PAGES	<u>B-5</u>
AS OF	<u>2-24</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>32</u>	PAGES	<u>C-9</u>
AS OF	<u>2-26</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>33</u>	PAGES	<u>C-10</u>
AS OF	<u>2-26</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>34</u>	PAGES	<u>C-11</u>
AS OF	<u>2-29</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>35</u>	PAGES	<u>C-12</u>
AS OF	<u>2-29</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>36</u>	PAGES	<u>C-13</u>
AS OF	<u>3-2</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>38</u>	PAGES	<u>C-15</u>
AS OF	<u>3-2</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>39</u>	PAGES	<u>C-16</u>
AS OF	<u>3-3</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>40</u>	PAGES	<u>C-17</u>
AS OF	<u>3-4</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>41</u>	PAGES	<u>C-18</u>
AS OF	<u>3-4</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>42</u>	PAGES	<u>C-19</u>
AS OF	<u>3-5</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>43</u>	PAGES	<u>C-20</u>
AS OF	<u>3-5</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>44</u>	PAGES	<u>C-21</u>
AS OF	<u>3-6</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>45</u>	PAGES	<u>C-22</u>
AS OF	<u>3-6</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>46</u>	PAGES	<u>C-23</u>
AS OF	<u>3-7</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>47</u>	PAGES	<u>C-24</u>
AS OF	<u>3-9</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>49</u>	PAGES	<u>C-26</u>
AS OF	<u>3-9</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>50</u>	PAGES	<u>C-27</u>
AS OF	<u>3-10</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>51</u>	PAGES	<u>C-28</u>
AS OF	<u>3-11</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>52</u>	PAGES	<u>C-29</u>
AS OF	<u>3-11</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>53</u>	PAGES	<u>C-30</u>
AS OF	<u>3-12</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>54</u>	PAGES	<u>C-31</u>
AS OF	<u>3-13</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>56</u>	PAGES	<u>C-32-33</u>
AS OF	<u>3-14</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>57</u>	PAGES	<u>C-34</u>
AS OF	<u>3-15</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>58</u>	PAGES	<u>C-35</u>
AS OF	<u>3-16</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>59</u>	PAGES	<u>C-36</u>
AS OF	<u>3-17</u>	(DATE)	THIS DOCUMENT CONSISTS OF	<u>60</u>	PAGES	<u>C-37</u>

THIS CONTINUOUS PAGINATION FORM IS TO BE USED FOR REVISING CLASSIFIED MANUALS OR ACCUMULATING CLASSIFIED WORKING PAPERS IN A BINDER ISSUED AND CONTROLLED BY CLASSIFIED FILES.

ASH 100 IPD

COPY 16 OF A1 SERIES

CONTINUOUS PAGINATION FOR _____

AS OF	12-14-71	(DATE)	THIS DOCUMENT CONSISTS OF	48	PAGES	C-29
AS OF	12-15	(DATE)	THIS DOCUMENT CONSISTS OF	49	PAGES	C-30
AS OF	12-16	(DATE)	THIS DOCUMENT CONSISTS OF	50	PAGES	C-31
AS OF	12-18	(DATE)	THIS DOCUMENT CONSISTS OF	51	PAGES	C-32
AS OF	12-20	(DATE)	THIS DOCUMENT CONSISTS OF	52	PAGES	C-34
AS OF	12-21	(DATE)	THIS DOCUMENT CONSISTS OF	53	PAGES	C-35
AS OF	12-23	(DATE)	THIS DOCUMENT CONSISTS OF	54	PAGES	C-36
AS OF	12-24	(DATE)	THIS DOCUMENT CONSISTS OF	55	PAGES	C-37
AS OF	12-25	(DATE)	THIS DOCUMENT CONSISTS OF	56	PAGES	C-38
AS OF	12-26	(DATE)	THIS DOCUMENT CONSISTS OF	57	PAGES	C-39
AS OF	12-28	(DATE)	THIS DOCUMENT CONSISTS OF	58	PAGES	B-40
AS OF	12-30	(DATE)	THIS DOCUMENT CONSISTS OF	59	PAGES	C-41
AS OF	1-4-72	(DATE)	THIS DOCUMENT CONSISTS OF	60	PAGES	A-15
AS OF	1-4-72	(DATE)	THIS DOCUMENT CONSISTS OF	61	PAGES	A-16
AS OF	1-10-72	(DATE)	THIS DOCUMENT CONSISTS OF	62	PAGES	C-42
AS OF	1-12-72	(DATE)	THIS DOCUMENT CONSISTS OF	63	PAGES	C-43
AS OF	1-14-72	(DATE)	THIS DOCUMENT CONSISTS OF	64	PAGES	C-44
AS OF	1-15-72	(DATE)	THIS DOCUMENT CONSISTS OF	65	PAGES	C-45
AS OF	1-15-72	(DATE)	THIS DOCUMENT CONSISTS OF	67	PAGES	40.
Removed 41 SHEETS TO LPS	AS OF 1-17-72	(DATE)	THIS DOCUMENT CONSISTS OF	26	PAGES	40
AS OF	1-21-72	(DATE)	THIS DOCUMENT CONSISTS OF	27	PAGES	C-46
AS OF	1-23-72	(DATE)	THIS DOCUMENT CONSISTS OF	28	PAGES	C-47
AS OF	1-24-72	(DATE)	THIS DOCUMENT CONSISTS OF	29	PAGES	B-48
AS OF	1-25-72	(DATE)	THIS DOCUMENT CONSISTS OF	30	PAGES	C-49
AS OF	1-27-72	(DATE)	THIS DOCUMENT CONSISTS OF	31	PAGES	C-50
AS OF	1-29-72	(DATE)	THIS DOCUMENT CONSISTS OF	32	PAGES	C-51
Removed 10 C-51 LPS	AS OF 2-8-72	(DATE)	THIS DOCUMENT CONSISTS OF	33	PAGES	Removed A-42
AS OF	2-9-72	(DATE)	THIS DOCUMENT CONSISTS OF	23	PAGES	C-1
AS OF	2-10-72	(DATE)	THIS DOCUMENT CONSISTS OF	24	PAGES	C-2
AS OF	2-11-72	(DATE)	THIS DOCUMENT CONSISTS OF	25	PAGES	C-3
AS OF	2-13-72	(DATE)	THIS DOCUMENT CONSISTS OF	26	PAGES	C-4
				27	PAGES	C-5

THIS CONTINUOUS PAGINATION FORM IS TO BE USED FOR REVISING CLASSIFIED MANUALS OR ACCUMULATING CLASSIFIED WORKING PAPERS IN A BINDER ISSUED AND CONTROLLED BY CLASSIFIED FILES.

APR 10 1970

COPY 15 OF A-1 SERIES

CONTINUOUS PAGINATION FOR

other copies
 22K- AS OF 10-10-71 (DATE) THIS DOCUMENT CONSISTS OF 116 PAGES C-105
 AS OF 10-15-71 (DATE) THIS DOCUMENT CONSISTS OF 14 PAGES B-1
 AS OF 10-17-71 (DATE) THIS DOCUMENT CONSISTS OF 15 PAGES B-2
 AS OF 10-17-71 (DATE) THIS DOCUMENT CONSISTS OF 16 PAGES B-3
 AS OF 10-22-71 (DATE) THIS DOCUMENT CONSISTS OF 19 PAGES ~~B-4~~
 AS OF 10-22-71 (DATE) THIS DOCUMENT CONSISTS OF 20 PAGES B-4
 AS OF 10-23-71 (DATE) THIS DOCUMENT CONSISTS OF 21 PAGES B-5
 AS OF 10-24-71 (DATE) THIS DOCUMENT CONSISTS OF 22 PAGES B-6
 AS OF 10-25-71 (DATE) THIS DOCUMENT CONSISTS OF 23 PAGES A-7
 AS OF 10-26-71 (DATE) THIS DOCUMENT CONSISTS OF 24 PAGES A-8
 AS OF 10-28-71 (DATE) THIS DOCUMENT CONSISTS OF 25 PAGES C-9
 AS OF 10-31-71 (DATE) THIS DOCUMENT CONSISTS OF 26 PAGES A-9
 AS OF 10-31-71 (DATE) THIS DOCUMENT CONSISTS OF 27 PAGES A-9
 AS OF 11-1-71 (DATE) THIS DOCUMENT CONSISTS OF 28 PAGES A-11
 AS OF 11-1-71 (DATE) THIS DOCUMENT CONSISTS OF 29 PAGES ~~A-14~~ C-12
 AS OF 11-3-71 (DATE) THIS DOCUMENT CONSISTS OF 30 PAGES A-13
 AS OF 11-4-71 (DATE) THIS DOCUMENT CONSISTS OF 31 PAGES A-14
 AS OF 11-5-71 (DATE) THIS DOCUMENT CONSISTS OF 32 PAGES A-15
 AS OF 11-7-71 (DATE) THIS DOCUMENT CONSISTS OF 33 PAGES C-16
 AS OF 11-19-71 (DATE) THIS DOCUMENT CONSISTS OF 35 PAGES C-17
 AS OF 11-22-71 (DATE) THIS DOCUMENT CONSISTS OF 36 PAGES C-19
 AS OF 12-1-71 (DATE) THIS DOCUMENT CONSISTS OF 38 PAGES C-21
 AS OF 12-3-71 (DATE) THIS DOCUMENT CONSISTS OF 39 PAGES C-22
 AS OF 12-5-71 (DATE) THIS DOCUMENT CONSISTS OF 40 PAGES B-22
 AS OF 12-5-71 (DATE) THIS DOCUMENT CONSISTS OF 41 PAGES B-23
 AS OF 12-5-71 (DATE) THIS DOCUMENT CONSISTS OF 42 PAGES C-24
 AS OF 12-6-71 (DATE) THIS DOCUMENT CONSISTS OF 43 PAGES C-25
 AS OF 12-8-71 (DATE) THIS DOCUMENT CONSISTS OF 44 PAGES A-26
 AS OF 12-11-71 (DATE) THIS DOCUMENT CONSISTS OF 45 PAGES A-27
 AS OF 12-11-71 (DATE) THIS DOCUMENT CONSISTS OF 46 PAGES B-28

THIS CONTINUOUS PAGINATION FORM IS TO BE USED FOR REVISING CLASSIFIED MANUALS OR ACCUMULATING CLASSIFIED WORKING PAPERS IN A BINDER ISSUED AND CONTROLLED BY CLASSIFIED FILES.

ABH
~~9-7~~ 100 R D
 COPY 14 OF A-1 SERIES

CONTINUOUS PAGINATION FOR

AS OF	9-3-71	(DATE)	THIS DOCUMENT CONSISTS OF	81	PAGES	C-68
AS OF	9-4-71	(DATE)	THIS DOCUMENT CONSISTS OF	82	PAGES	C-69
AS OF	9-5-71	(DATE)	THIS DOCUMENT CONSISTS OF	83	PAGES	C-70
AS OF	9-5-71	(DATE)	THIS DOCUMENT CONSISTS OF	84	PAGES	C-71
AS OF	9-6-71	(DATE)	THIS DOCUMENT CONSISTS OF	84	PAGES	C-72
AS OF	9-7-71	(DATE)	THIS DOCUMENT CONSISTS OF	85	PAGES	C-73
AS OF	9-8-71	(DATE)	THIS DOCUMENT CONSISTS OF	86	PAGES	C-74
AS OF	9-8-71	(DATE)	THIS DOCUMENT CONSISTS OF	87	PAGES	C-75
AS OF	9-9-71	(DATE)	THIS DOCUMENT CONSISTS OF	88	PAGES	C-76
AS OF	9-10-71	(DATE)	THIS DOCUMENT CONSISTS OF	89	PAGES	C-77
AS OF	9-11-71	(DATE)	THIS DOCUMENT CONSISTS OF	90	PAGES	C-78
AS OF	9-11-71	(DATE)	THIS DOCUMENT CONSISTS OF	91	PAGES	C-79
AS OF	9-12-71	(DATE)	THIS DOCUMENT CONSISTS OF	92	PAGES	C-80
AS OF	9-13-71	(DATE)	THIS DOCUMENT CONSISTS OF	93	PAGES	C-81
AS OF	9-13-71	(DATE)	THIS DOCUMENT CONSISTS OF	94	PAGES	C-82
AS OF	9-14-71	(DATE)	THIS DOCUMENT CONSISTS OF	95	PAGES	C-83
AS OF	9-15-71	(DATE)	THIS DOCUMENT CONSISTS OF	96	PAGES	C-84
AS OF	9-15-71	(DATE)	THIS DOCUMENT CONSISTS OF	97	PAGES	C-85
AS OF	9-16-71	(DATE)	THIS DOCUMENT CONSISTS OF	98	PAGES	C-86
AS OF	9-17-71	(DATE)	THIS DOCUMENT CONSISTS OF	99	PAGES	C-87
AS OF	9-18-71	(DATE)	THIS DOCUMENT CONSISTS OF	100	PAGES	C-88
AS OF	9-18-71	(DATE)	THIS DOCUMENT CONSISTS OF	101	PAGES	C-89
AS OF	9-19-71	(DATE)	THIS DOCUMENT CONSISTS OF	102	PAGES	C-90
AS OF	9-20-71	(DATE)	THIS DOCUMENT CONSISTS OF	103	PAGES	C-91
AS OF	9-21-71	(DATE)	THIS DOCUMENT CONSISTS OF	104	PAGES	C-92
AS OF	9-22-71	(DATE)	THIS DOCUMENT CONSISTS OF	105	PAGES	C-93
AS OF	9-22-71	(DATE)	THIS DOCUMENT CONSISTS OF	106	PAGES	C-94
AS OF	9-23-71	(DATE)	THIS DOCUMENT CONSISTS OF	107	PAGES	C-95
AS OF	9-24-71	(DATE)	THIS DOCUMENT CONSISTS OF	108	PAGES	C-96
AS OF	9-24-71	(DATE)	THIS DOCUMENT CONSISTS OF	109	PAGES	C-97
	9-25-71			110	Page	C-99

THIS CONTINUOUS PAGINATION FORM IS TO BE USED FOR REVISING CLASSIFIED MANUALS
 OR ACCUMULATING CLASSIFIED WORKING PAPERS IN A BINDER ISSUED AND CONTROLLED
 BY CLASSIFIED FILES

James C. Davis

DISSOLVER NO. 13 - 3

DISSOLVER OPERATION AND METAL TRANSFERS

CHARGE NO.

13-3-124

72B-4-2-6

[illegible]

10 tons total

6 tons on first cut
4 tons on second cut

10 hr. dissolution time

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2		
D2 TO C FARM		

		TIME		BY	
154	5-38-77	0040	LRD		
HEEL 18'	5-28	1510	YDL		
3rd					
HEEL	6-5	0600	YDL		
4th Haul	6-6	0955	J.J.		

DISSOLVING		
STEAM ON FIRST CUT	5-26	1700
STEAM ON SECOND CUT		
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1	5-28-72	0600
NO. 2	5-30	1525
NO. 3	5-31	2220

th. eldred

5.6.72

1034

DECLASSIFIED

66

9
DECLASSIFIED

~~SECRET~~

C-3-13

DISSOLVER NO. C - 3		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO. 72-C 4-25	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
		Bucket 27 + 28				Pu-A1					
		(Phoenix Flares).									
						5-25-72	1500				

DISSOLVER TO D-4			
CUT	DATE	TIME	BY
1	5.27	0945	JTB

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2		
D2 TO C FARM		

DISSOLVING		
STEAM ON FIRST CUT	5-25-72	2100
STEAM ON SECOND CUT		
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

~~SECRET~~

SECRET

N.O.8

B-3-12

DISSOLVER NO. B - 3		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO. 72-B-4-24	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
43	KE	2915	2912	2919 2913 ⁽²⁰¹³⁾		5-23-72	1450	1450	1450	2913 7725 1124	
R.L.	PAT	BASKET 25					1500				
PAT CASKET	PAT	BASKET 26				5-24-72	1500	5-24-72			

DISSOLVER TO D-4			
CUT	DATE	TIME	BY
1 st	5-26	1300	JA

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2		
D2 TO C FARM		

DISSOLVING		
STEAM ON FIRST CUT	5-24-72	1800
STEAM ON SECOND CUT		
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DECLASSIFIED

SECRET

DECLASSIFIED

SECRET

72 C - 4 - 23

DISSOLVER NO. C - 3		DISSOLVER OPERATION AND METAL TRANSFERS						CHARGE NO. C-3-12			
BPSX & T OVER NO.	FROM AREA	TYPE		YOKE NUMBER		DATE 1972	BUCKET IN				140 SF PLATE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
23		P 33.34 35.36, 37 56				5-22					14"
MT											0
MT											0
24		1			P-36	5-22				1-40	128

DISSOLVER TO D-			
CUT	DATE	TIME	BY
191	5-25	1140	LRP

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2		
D2 TO C FARM		

DISSOLVING		
STEAM ON FIRST CUT	5-22	2105
STEAM ON SECOND CUT		
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

SECRET

6

SECRET

72-C-4-22

DISSOLVER NO. C-3		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO. C-3-11	
Basket CAB No.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
21						5-20-72				12:00 O'clock	
22						11				6:00 O'clock	
1 Can from Charge 5 in 9:00 o'clock position											

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1 st	5-21	18:15	for

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2		
D2 TO C FARM		

DISSOLVING		
STEAM ON FIRST CUT	5-20	0600
STEAM ON SECOND CUT		
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DECLASSIFIED

DECLASSIFIED 11

SECRET

72-B-4-21

GUN BARREL

DISSOLVER NO. B - 3		DISSOLVER OPERATION AND METAL TRANSFERS						CHARGE NO. B-5-11				
BASKET CAR NO.	FROM AREA	SECTION	YOKE NUMBER TYPE				DATE 1972	BUCKET IN				AGE
			"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
18		Bucket	# 18	with	heel	5/18/72			7:00	clock		
10						"			12:00	"		
11						"			2:30	"		
12						"			5:00	"		
20						"			9:30	"		

DISSOLVER TO D-			
CUT	DATE	TIME	BY

Steam on 5-19 0515

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2	5-19-72	1540
D2 TO FORM E-3	5-19	1805

DISSOLVING		
STEAM ON FIRST CUT	5-19	2130
STEAM ON SECOND CUT		
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

GUN 13 APR 68

LOAD # 4

DECLASSIFIED 72 C-4-20

DISSOLVER NO. C - 3		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO. C-3-10	
BASKET No.	FROM AREA	SECTION YOKE NUMBER			TYPE	DATE 1972	No. OF RODS 1000000	BUCKET IN			AGE
		"A" SIDE	"B" SIDE	"C" SIDE				"D" SIDE	TIME "B"	TIME "C"	
7		P-9				5-17	237				
8			P-5			5-17	214				
9				P5-6-7		5-17	201				
19					P57	5-17	1 (CUTS)			1825	

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1 st	5-19	2200	JA

COATING REMOVAL	5-17	2100
COATING WASTE TO D-2	5-18-72	0640
D2 TO G-PATH E-3	5-18-72	1005

DISSOLVING		
STEAM ON FIRST CUT	5-18	1240
STEAM ON SECOND CUT		
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DECLASSIFIED

3
DECLASSIFIED II

72-B-4-19

CHARGE NO.

B-3-16

DISSOLVER NO. B-3		DISSOLVER OPERATION AND METAL TRANSFERS						CHARGE NO. B-3-16			
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
Carrier	#5	Well A				5-16-72			11:00 o'clock		
"	6		B			"			1:30	"	
"	15		C			"			4:00	"	
"	18		D			"			7:00	"	
Basket #16 With Small Heel @ 9:00 (1530)											

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1st	5-18	2210	JA

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2	5-17	0420
D2 TO C FARM		

DISSOLVING		
STEAM ON FIRST CUT	5-17	2230
STEAM ON SECOND CUT		
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

2

~~SECRET~~

DISSOLVER NO. C - 3		DISSOLVER OPERATION AND METAL TRANSFERS						CHARGE NO. 72-C-4-18			
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
Corbier	#3	Well A				5-12-72					
"	#4	"	B			✓					
"	#4	"	C			✓					
"	#17	"	D			✓					
						2300					

DISSOLVER TO D-14			
CUT	DATE	TIME	BY
1st	5-17-72	1432	GRS

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2		
D2 TO C FARM		

DISSOLVING		
STEAM ON FIRST CUT	5-15	1150
STEAM ON SECOND CUT		
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DECLASSIFIED

~~SECRET~~

DECLASSIFIED

~~SECRET~~

1 PU-A1

72-13-0-18 17

DISSOLVER NO. B - 3		DISSOLVER OPERATION AND METAL TRANSFERS						CHARGE NO. B-4-179			
CAR NO.	FROM AREA	BASKET YONE NUMBER				DATE	POSITION BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
CARRIER		A. CANNISTERS				5-10-72				1445	✓
	A	1				"		12	o'clock		
	B	2				"		3	"		
	C	13				"		6	"		
	D	16				"		9	"		

57 - one 50 lbs 2.11.72

DISSOLVER TO D- D			
CUT	DATE	TIME	BY
1	5-16	1000	acs

COATING REMOVAL	DATE	TIME
DECLAD COATING WASTE TO D-2	5-11	0700
D2 TO C FARM E-3	5-11	1400

DISSOLVING		
STEAM ON FIRST CUT		
STEAM ON SECOND CUT		
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

P-60

Lat PRT2

~~SECRET~~

72-C-4-16

DISSOLVER NO. C - 3		DISSOLVER OPERATION AND METAL TRANSFERS						CHARGE NO. C-3-8			
BASKET GAL. NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
46	300	(1) 46									
47	300		(5) 47								
48	300			—	(9) 48	5-5-72				7310	

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1 st	5-8	0530	JA

COATING REMOVAL	DATE	TIME
STAY ON	5-6-72	0205
COATING WASTE TO D-2	5-6-72	1215
D2 TO C FARM Meth. Steam on	5-6-72	1530

DISSOLVING		
STEAM ON FIRST CUT	5-7	0150
STEAM ON SECOND CUT	5-8	1500
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

C-54

DECLASSIFIED

~~SECRET~~

DECLASSIFIED

72-B-4-15

DISSOLVER NO. B - 3		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO. B-3-8	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
43	C-1		43			5-4-72					
44	C-2		44			5-4-72					
45	C-3		45			5-4-72					

STEAMON 5-4 0610		
COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2 <i>Reball</i>	5-4	1645
D2 TO C FARM <i>With steam</i>	5-4	1930

DISSOLVER TO D-4			
CUT	DATE	TIME	BY
1 st	5-6-72	2300	282
2 nd	5-9	0530	ja

With to D-2 5-4 2300		
DISSOLVING		
STEAM ON FIRST CUT	5-5	0630
STEAM ON SECOND CUT	5-7	0630
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

~~SECRET~~

72-C-4-14

DISSOLVER NO. C - 3		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO. C-3-8	
BASKET NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
40	300		20			5-2-72	1140				
41	300		17			5-2-72	8-4				
42	300		Received in CASK No.			5-2-72					

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1st	5-5-72	1910	LLS

COATING REMOVAL	Steam 211	DATE 5-2-72	TIME 2200
COATING WASTE TO D-2		5-3	0655
D2 TO C FARM			

met to d-2 5-3 1500			
DISSOLVING			
STEAM ON FIRST CUT	5-3	2150	
STEAM ON SECOND CUT			
STEAM ON THIRD CUT			
STEAM ON HEEL CUT NO. 1			
NO. 2			
NO. 3			

DECLASSIFIED

C-57

DECLASSIFIED II

72 B-4-13

DISSOLVER NO. 13- 3		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO. 13-3-7	
ASSET NO.	FROM AREA	YOKE NUMBER				DATE 1972	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
37	300		16			4-20					
38	300		18			4-20					
39	300		19			4-20		8.4			

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1st	5-3-72	7312	288

COATING REMOVAL	51 M	DATE	4/20	TIME	1545
COATING WASTE TO D-2	D-1	DATE	4-22	TIME	1510
D2 TO G-FARM	met	DATE	5-22	TIME	1900
	Perlad to 5-12				0640

DISSOLVING		
STEAM ON FIRST CUT	5-2-72	2310
STEAM ON SECOND CUT		
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

SECRET

6-56

72C-4-12

DISSOLVER NO. C - 3		DISSOLVER OPERATION AND METAL TRANSFERS						CHARGE NO. C-3-6			
BASKET NO.	FROM AREA	YOKE NUMBER				DATE 1972	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
34	300		B-13			4-19					
35	300		B-14			4-19					
36	300		B-15			4-19		2240			

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1st	4-22	1345	Ham.

COATING REMOVAL Station	DATE 4-20-72	TIME 0100
COATING WASTE TO D-2	4-20	1050
met to D-2	4-20	1845

DISSOLVING		
STEAM ON FIRST CUT	4-21-72	0115
STEAM ON SECOND CUT		
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DECLASSIFIED

DECLASSIFIED

72-B-4-11

DISSOLVER NO. B - 3		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO. B-3-6	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
31		B-10				4-17					
32		B-11				4-17					
33		B-12				4-17					
								1935			

DISSOLVER TO D-4			
CUT	DATE	TIME	BY
1	4-19	2230	JA

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2	4-18-72	0725
D2 TO C FARM		

Steam on B-3 metal 4-18-72 1030		
DISSOLVING	met to D-2 4-18	1440
STEAM ON FIRST CUT		
STEAM ON SECOND CUT		
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

SECRET

72-C-4-10

DISSOLVER NO. C - 3		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO. C - 3 - 5	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
28	300	A 19									
29	300	A 20									
30	300	A 21				4-16-74	2225				

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1st	4-18-74	1425	ACS

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2	4-17	0855
D2 TO C FARM		

DISSOLVING		
STEAM ON FIRST CUT	4-17	2310
STEAM ON SECOND CUT		
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DECLASSIFIED

DECLASSIFIED]

SECRET

72-13-4-9

DISSOLVER NO. B - 3		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO. B-3-5	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
25	300	A 16				4-14			1055		
24	300	A 17				4-14			1055		
27	300	A 18				4-14			1055		

DISSOLVER TO D-4			
CUT	DATE	TIME	BY
1st	4-17-72	1335	QAS

STEAM ON 4-14-72 1127		
COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2	4-15	1000
D2 TO C FARM	4-15	1215

STEAM ON 133 for metal 1215		
DISSOLVING		
STEAM ON FIRST CUT	4-15	2350
STEAM ON SECOND CUT		
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

SECRET

13-54

~~SECRET~~

72-C-4-8

DISSOLVER NO. C - 3		DISSOLVER OPERATION AND METAL TRANSFERS						CHARGE NO. C-3-4			
BAR NO. BASKETS	FROM AREA	YOKE NUMBER				DATE 1972	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
22	300	13				4-14					
23	300	14				4-14					
24	300	15				4-14	0600				

DISSOLVER TO D-4			
CUT	DATE	TIME	BY
1st	4-16-72	1940	OM

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2	4-14-72	1155
D2 TO C FARM	4-15-72	0700

DISSOLVING		
STEAM ON FIRST CUT	4-15	0735
STEAM ON SECOND CUT		
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DECLASSIFIED

~~SECRET~~

DECLASSIFIED

SECRET 72-B-4-7

DISSOLVER NO.		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO.	
B - 3										B-3-4	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
	19	A-10				4-9-72	1830				
	20	A-11				4-9-72					
	21	A-12				4-9-72					

STEAM CN 4-9-72 2110

DISSOLVER TO D-4			
CUT	DATE	TIME	BY
1st	4-12-72	2325	om
4th cut	4-13-72	2230	om

STEAM ON 4-9-72 2110	
COATING REMOVAL	DATE
COATING WASTE TO D-2	4-10 0725
D2 TO C FARM	4-10 2000

Metal 4-10		
DISSOLVING		
STEAM ON FIRST CUT	4-10	2140
STEAM ON SECOND CUT		
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1	4-13	0530
NO. 2		
NO. 3		

~~SECRET~~

72-B-4-5

DISSOLVER NO. B-3		DISSOLVER OPERATION AND METAL TRANSFERS						CHARGE NO. #B-3-3			
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
BASKET XIII		<i>Postation</i> B-4				4-4					
"	XIV	B-5				4-4					
"	XV	B-6				4-4					

STEAM 4-4 0610

DISSOLVER TO D-4			
CUT	DATE	TIME	BY
1st	4-9	0230	WHS

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2	4-4	1550
D2 TO C FARM <i>Steam on met</i>	4-4	2050

DISSOLVING		
STEAM ON FIRST CUT	4-5	0650
STEAM ON SECOND CUT		
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DECLASSIFIED

~~SECRET~~

DECLASSIFIED

SECRET

72-C-4-4

DISSOLVER NO. C - - 3		DISSOLVER OPERATION AND METAL TRANSFERS						CHARGE NO. C-3-2			
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
Buckets I		<i>Position</i> B-1				4-2					
" " II		B-2				4-2					
" " XII		B-3				4-2	0545				

DISSOLVER TO D-			
CUT	DATE	TIME	BY
14	4-5	1200	744

COATING REMOVAL	DATE	TIME
STIM 04	4-2-72	1300
COATING WASTE TO D-2	4-3	0645
STIM 04 MET R	4-3	1000
D2 TO C FARM		

DISSOLVING		
STEAM ON FIRST CUT	4-3	2330
STEAM ON SECOND CUT		
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

~~SECRET~~

72-B-4-3

DISSOLVER NO. B - 3		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO. B-3-2	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
BASKET	VII	Reaction				4-20					
"	VIII	A-7				4-2					
"	IX	A-8				4-2					
"		A-9				4-2	0200				

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1 st	4-3	1200	WKS

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2	DECLAD 4-2-72	1525
D2 TO C FARM	B-3 met. to D 4-2-72	2200

DISSOLVING		
STEAM ON FIRST CUT	4-3	0450
STEAM ON SECOND CUT		
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DECLASSIFIED

~~SECRET~~

72E4-2

CHARGE NO.

C-3-

DISSOLVER NO. C - 3		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO. C-3-1	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
Basket IV	300					10-20 3-30-72					
Basket II	300										
Basket VI	300										

DISSOLVER TO D- <i>H</i>			
CUT	DATE	TIME	BY
<i>1st</i>	<i>4-2</i>	<i>0120</i>	<i>S.K.M.</i>

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2 <i>Dechlor</i>	3-31	0700
D2 TO ^{E-3 - 2-5} G FARM <i>Dechlor</i>	3-31	1225
<i>met</i>	3-31	1410

DISSOLVING		
STEAM ON FIRST CUT	4-1	0145
STEAM ON SECOND CUT		
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

~~SECRET~~

PRTR

72B-4-1

DISSOLVER NO. B-3		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO. 3 92-B-1-1	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
BASKET I		POSITION A-1				3-29-72					
BASKET II		A-2				3-29-72					
BASKET III		A-3				3-29-72					

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1st	4-1	1800	

Steam on @ 0300		
COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2	3-30	1320
D2 TO C FARM	3-31	0630
met out 3-31 1030		
DISSOLVING		
STEAM ON FIRST CUT	3-31	0637
STEAM ON SECOND CUT		
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DECLASSIFIED

~~SECRET~~

2-1

DISSOLVER NO. A - 3		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO. 72-A-3-43	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
36	KE	2513T	2514T	2515T		3-21-72	✓	✓	✓		418
41	KE	2522T	2523T	2524T		3-21	✓	✓	1120		418
39	KE	2519T	2520T	2521T		3-21	✓	✓	✓		418
44	KE	2516T	2518T	2517T		3-21	✓	✓	1410		418
42	KE	0702T				3-21	1410				416

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1 ✓	3-22	1215	DAYS
Inf	3-23-72	0155	CCB

STEAM ON 3-21-72 1455		
COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2	3-21-72	2030
D2 TO C FARM	3-21-72	2200

DISSOLVING		
STEAM ON FIRST CUT	3-21-72	2358
STEAM ON SECOND CUT	3-22-72	1415
STEAM ON THIRD CUT	3-23-72	0233
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DECLASSIFIED

SEARCHED

C-42

DECLASSIFIED
SECRET

DISSOLVER NO. B - 3		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO. 72-B-3-42	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
42	KE	2504T	2505T	2506T		3-20					417
44	KE	2529T	2528T	2530T		3-20					417
39	KE	2531T	2532T	2503T		3-20	1915				417
37	KE	2525T	2526T	2527T		✓	2330	-	✓	✓	417
45	KE	2512T	2511T	2510T		✓	✓	-	-	-	417
47	KE	2508T	2507T	2509T		✓ 3-21-72	0130				418

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1 st	3-21-72	1500	ADA
2ND	3-21-72	2045	L RQ
3RD	3-21-72	0620	CCF
HEEL	3-22	2005	✓
HEEL	3-23	1625	✓

COATING REMOVAL	3-21	0200
COATING WASTE TO D-2	3-21	0820
D2 TO C FARM	3-21	1410

DISSOLVING		
STEAM ON FIRST CUT	3-21	1140
STEAM ON SECOND CUT	3-21	1645
STEAM ON THIRD CUT	3-21	2300
STEAM ON HEEL CUT NO. 1	3-22	0722
NO. 2	3-22	2210
NO. 3	3-27	1715

Fluor-Heel 3-29 0055 QB

DISSOLVER NO. C - 3		DISSOLVER OPERATION AND METAL TRANSFERS							CHARGE NO. 72-2-3-41		
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
46	KE	2513 B	2514 B	2515 B		3-20			1025		417
38	KE	2522 B	2521 B	2520 B		3-20			1025		417
43	KE	2518 B	2517 B	2516 B		3-20			1025		417
45	KE	2533 T	2534 T	2535 T		3-20			1515		417
41	KE	2512 B	2511 B	2510 B		3-20			1515		417
36	KE	2519 B	2501 T	2502 T		3-20			1535		417

DISSOLVER TO D-4			
CUT	DATE	TIME	BY
1 st	3-21-72	1045	QCS
2 nd	3-21-72	1630	LRD
3 rd	3-21-72	2215	LRD
heel cut			
cut	3-22	1240	LRD
heel cut	3-28	0055	QCS

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2	3-21-72	0055
D2 TO C FARM		

DISSOLVING		
STEAM ON FIRST CUT	3-21-72	0400
STEAM ON SECOND CUT	3-21	1115
STEAM ON THIRD CUT	3-21	1800
STEAM ON HEEL CUT NO. 1	3-21	2325
NO. 2	3-27	1715
NO. 3		

DECLASSIFIED

DISSOLVER NO. A - 3		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO. 72-A-3-40	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
36	KE	2534B	2533B	2532B		3-19-72	2150	2150	2150		416
39	KE	2506B	2505B	2504B		.1	/	u	c		416
44	KE	2529B	2530B	2531B		11	✓	✓	✓		416
37	K-E	2526B	2527B	2528B		1v	2348	2340	2340		416
42	KE	2525B	2524B	2523B		.v	✓	✓	✓		416
47	KE	2509B	2508B	2507B		vv	✓	✓	✓		416

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1 ST	3-20-72	2015	LRO
2 nd	3-21-72	0615	CCJ

COATING REMOVAL <i>Steam on</i>	DATE 3-21	TIME 0243
COATING WASTE TO D-2	3-20	0846
D2 TO C FARM		

DISSOLVING		
STEAM ON FIRST CUT	3-20-72	1215
STEAM ON SECOND CUT	3-20-72	2100
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DECLASSIFIED

~~SECRET~~

C-210

DECLASSIFIED

DISSOLVER NO.		DISSOLVER OPERATION AND METAL TRANSFERS										CHARGE NO.	
B - 3												72-B-3-39	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE		
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"			
38	KE	627-T	626-T	0625-T		3-18-72	2200				413		
41	KE	624-T	2414-B	2413-B		"	"	"	"		413 415-		
42	KE	0621-T	0622-T	0623-T		"	"	"	"		413		
45	KE	1535-B	2415-B	2416-B		3-19-			2130		415		
43	KE	2503-B	2502-B	2501-B		"	2330	-	-		415-		
46	KE	2412-B	2411-B	2410-B		"	V	V	V	0	415-		

DISSOLVER TO D-				BY	
CUT	DATE	TIME			
1st	3-19-72	1800		LRD	
2nd	3-20-72	0211		CCF	
3rd	3-20-72	1420		JSL	

COATING REMOVAL Steam on	DATE 3-17	TIME 0323
COATING WASTE TO D-2		
D2 TO C FARM	3-19	1037

DISSOLVING		
STEAM ON FIRST CUT	3-19	1225
STEAM ON SECOND CUT	3-19	1945
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DISSOLVER NO.		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO.	
C - 3		YOKE NUMBER				DATE	BUCKET IN				AGE
CAR NO.	FROM AREA	"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
39	KE	620T	619T	618T		3-18		1040		413	
36	KE	2421T	2421B	2420B		3-18		1040		415	
45	KE	633T	632T	631T		3-18		1040		413	
44	KE	D609T	D610T	D611T		3-18		1315		415	
37	KE	2417B	2418B	2419B		3-18		1315		413	
47	KE	2409B	2408B	2407B		3-18		1315		413	
							3-18-72				1412

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1 st	3-19	1350	LLB
2 nd	3-20	0144	CCF

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2	3-18	1930
D2 TO C FARM	3-18	2140

DISSOLVING		
STEAM ON FIRST CUT	3-18	2330
STEAM ON SECOND CUT	3-19	1520
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DECLASSIFIED

C-38

DECLASSIFIED

DISSOLVER NO.		DISSOLVER OPERATION AND METAL TRANSFER										CHARGE NO.	
A - 3		72-A-3-37											
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE		
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"			
38	KE	2415T	2416T	2417T		3-17			1430		414		
42	KE	0615T	0616T	0617T		3-17			1430		412		
47	KE	0612T	0613T	0614T		3-17			1430		412		
44	KE	0609T	0610T	0611T							412		
43	KE	628T	629T	630T		3-17			1845		412		
41	KE	2418T	2419T	2420T							414		
46	KE	2404B	2405B	2405B							414		

STEAM ON 3-17

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1st	3-18	1915	JAM
2nd	3-19	0430	WVS
3rd	3-19	1540	JES
Heel	3-19	2010	LRP

COATING REMOVAL		DATE	TIME
COATING WASTE TO D-2		3-18	0230
D2 TO C FARM			

DISSOLVING		
STEAM ON FIRST CUT	3-18	0945
STEAM ON SECOND CUT	3-18	2115
STEAM ON THIRD CUT	3-19	0610
STEAM ON HEEL CUT NO. 1 Heel	3-19	1730
NO. 2		
NO. 3		

SECRET

~~SECRET~~

DISSOLVER NO.		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO.	
B - 3										72-B-3-36	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
39	K-E	1418-T	1417-T	0605-T						440-41	
43	K-E	0606-T	0602-T	0608-T						411	
41	KE	2411-T	2410-T	2409-T	3-16-72	1910				413	
44	KE	0609-T	0610-T	0611-T						411	
36	KE	0636-T	0635-T	0634-T	3-14	2338				413	
37	KE	2412-T	2413-T	2414-T	3-16	2332				413	
45	KE	2406-T	2407-T	2408-T	3-17	0110				414	
5th 3-17-1530											

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1 st	3-18	0635	WAS.
2 nd	3-18	200	LRD

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2	3-17-72	2035
D2 TO C FARM	3-17-72	2200

DISSOLVING		
STEAM ON FIRST CUT	3-17	2320
STEAM ON SECOND CUT	3-18	0830
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DECLASSIFIED

~~SECRET~~

C-36

DECLASSIFIED

DISSOLVER NO.		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO.	
C - 3		YOKE NUMBER				DATE	BUCKET IN				AGE
CAR NO.	FROM AREA	"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
36	KE	1325-B	1324-B	1323-B		3/15/72			1135		410
37	KE	1326-B	1327-B	601-T		"			"		410
47	KE	1419-T	1420-T	1421-T		"			"		439
45	KE	604-T	603-T	602-T		3/15/72					410
38	KE	1416-T	1415-T	1414-T		3-15-72					439
42	KE	1413-T	1412-T	1411-T		3-15-72			1905		439
ST 3-15 221											

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1 st	3-17	0625	PA
2 nd	3-17	2140	
3 rd	3-18	0635	WAS.

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2	3-16	0235
D2 TO C FARM	3-16	1415

DISSOLVING		
STEAM ON FIRST CUT	3-17	0020
STEAM ON SECOND CUT	3-17	0940
STEAM ON THIRD CUT	3-17	0735
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

A-2C
2 LINE
5/11/72
5-99

SECRET

C-35

~~SECRET~~

DISSOLVER NO.		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO.	
A - 3										72-A-3-34	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
38	KE	1330 B	1329 B	1328 B		3-14-72			2115		409
42	KE	1320 B	1321 B	1322 B		3-14-72			2115		409
43	KE	0405 T	0406 T	0404 T		3-14-72			2115		438
39	KE	1131 B	2536 B	1422 T		3-14-72			2330		438
44	KE	1423 B	1424 B	1425 B		3-14-72			2330		438
41	KE	403 T	1130 B	1132 B		3-15			0055		439

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1 st	3-16	0100	[Signature]
2 nd	3-16	1020	WHS

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2	3-15	1520
D2 TO C FARM	3-15	1800

DISSOLVING STEAM ON COATS 3/15/72 @ 0907		
STEAM ON FIRST CUT	3-15	1840
STEAM ON SECOND CUT	3-16	0230
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DECLASSIFIED

~~SECRET~~
DECLASSIFIED

DISSOLVER NO.		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO.			
C - 3						72-e-3-33							
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE		
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"			
39	KE	1334 B	1335 B	1336 B		3-13			1800		408		
44	KE	1316 B	1315 B	1314 B		3-13			1800		408		
47	KE	1331 B	1332 B	1333 B		3-13			2000		408		
36	KE	1319 B	1318 B	1317 B		3-13			2000		408		
45	KE	1410 T	1409 T	1408 T		3-13			2000		437		
37	KE	0409 T	0408 T	0407 T		3-13			2115		437		

DISSOLVER TO D-			
CUT	DATE	TIME	BY
2nd	3-14	2140	JLS
3rd	3-15	0615	FOR

COATING REMOVAL	3-14	0714
COATING WASTE TO D-2	3-14	0545
D2 TO C FARM	3-14	0730

DISSOLVING		
STEAM ON FIRST CUT	3-14	0930
STEAM ON SECOND CUT	3-14	1615
STEAM ON THIRD CUT	3-14	2330
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

~~SECRET~~

DISSOLVER NO. B - 3		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO. 72B-3-32	
CAR NO.	FROM AREA	YOKE NUMBER				DATE 1972	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
38	KE	1313B	1312B	1311B		3-13					408
42	KE	1404T	1403T	1401T		3-13					437
43	KE	1227B	1226B	1402T		3-13			0230		437
41	KE	1405T	1406T	1407T		3-13			1100		437 437 439

3-14 0917

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1 st	3-15	0040	JA
2 nd	3-15	1010	WATS
3 rd	3-16	0920	WATS

COATING REMOVAL	3-14	0910
COATING WASTE TO D-2	3-14	1500
D2 TO C FARM		

DISSOLVING		
STEAM ON FIRST CUT	3-14	1850
STEAM ON SECOND CUT	3-15	0240
STEAM ON THIRD CUT	3-14	0125
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DECLASSIFIED

~~SECRET~~
DECLASSIFIED

DISSOLVER NO.		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO.	
C - 3		YOKE NUMBER				DATE	BUCKET IN				AGE
CAR NO.	FROM AREA	"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
36	KE	1304-B	1303-B	718-T		3-12-72				407	
41	KE	1228-B	1229-B	1230-B		✓				436	
45	KE	1231-B	1231-T	1230-T		✓			1015	436	
37	KE	1308 B	1309 B	1310 B		✓				407	
44	KE	1307 B	1306 B	1305 B		✓				436	
47	KE	1225 B	1224 B	1223 B		✓			1220	436	
Steam on 3-12-72 1242											

DISSOLVER TO D-4			
CUT	DATE	TIME	BY
1 st	3-13	0645	✓
2 nd	3-14	1440	✓

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2	3-12-72	1910
D2 TO C FARM		

DISSOLVING		
STEAM ON FIRST CUT	3-12	2345
STEAM ON SECOND CUT	3-13	0830
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DISSOLVER NO. B- 3		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO. 72-13-3-30	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
37	"	1214B	1215B	1216B		3-11		↓			435
38	K	1222B	1221B	1220B		3-11		↓			435
44	K F	0725+	0726+	0727+		3-11		1730			406
43	KE	721+	720+	719+		3-11		↓			406
39	KE	1217B	1218B	1219B		3-11		↓			435
42	KE	0722+	0723+	0724+		3-11		2125			406

DISSOLVER TO D-4			
CUT	DATE	TIME	BY
1st	3-12-72	1150	JJ
2nd	3-12-72	1910	JES
3rd	3-13	0040	PA

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2	3-12	0400
D2 TO C FARM	3-12	0500

DISSOLVING		
STEAM ON FIRST CUT	3-12	0650
STEAM ON SECOND CUT	3-12	1335
STEAM ON THIRD CUT	3-12	2003
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

SECRET
DECLASSIFIED

DISSOLVER NO. A-3		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO. 72-A-3-29	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
42	KE	0714-T	0713-T	0712-T		3-11-72					406
43	KE	1208-B	1209-B	1210-B		✓					435
45	KE	1229-T	1228-T	1227-T		✓			1015		435
36	KE	730-T	729-T	728-T		✓					406
41	KE	717-T	716-T	715-T		✓					406
47	KE	1213-B	1212-B	1211-B		✓			1510		435

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1 st	3-14	0505	JA
2 nd	3-14	1220	WAS
3 rd	3-14	1950	JW

Holding in (H20)

COATING REMOVAL	3-13	1225
COATING WASTE TO D-2	3-13	1855
D2 TO C FARM		

DISSOLVING		
STEAM ON FIRST CUT	3-13	2315
STEAM ON SECOND CUT	3-14	0655
STEAM ON THIRD CUT	3-14	1345
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DISSOLVER NO. C - 3		DISSOLVER OPERATION AND METAL TRANSFERS										CHARGE NO. 72-C-3-28
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE	
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"		
40	KE	1204-B	1203-B	1136-B		3-10-72						434
45	KE	733-T	732-T	731-T		✓						405
47	KE	1132-T	1131-T	1130-T		✓				1130		434
41	KE	0706-T	0707-T	0708-T		✓						405
44	KE	1205-B	1206-B	1207-B		✓						434
37	KE	0709-T	0710-T	0711-T		✓				1510		405

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1st	3-11-72	1427	CCF
2nd	3-11	2119	QCB
3rd	3-12	0540	74-

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2	3-10	2230
D2 TO C FARM	3-11	0120

DISSOLVING		
STEAM ON FIRST CUT	3-11	0345
STEAM ON SECOND CUT	3-11	1558
STEAM ON THIRD CUT	3-11	2318
STEAM ON NEEL CUT NO. 1		
NO. 2		
NO. 3		

DECLASSIFIED

DECLASSIFIED

DISSOLVER NO. B - 3		DISSOLVER OPERATION AND METAL TRANSFERS										CHARGE NO. 72-B-3-27	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE		
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"			
40	KE	1133+	1134+	1135+		3-9		2047			433		
41	KE	1134B	1133B	1135B		3-9		2047			433		
44	KE	109+	108+	107+		3-9		2047			404		
37	KE	1327+	1328+	1332+		3-9		2335			404		
43	KE	705+	704+	703+		3-9		2331			404		
42	KE	736+	735+	734+		3-9		2335			404		

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1st	3-10	1754	OTS
2nd	3-11	0030	QD

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2	3-10-72	0615
D2 TO C FARM		

DISSOLVING		
STEAM ON FIRST CUT	3-10-72	1125
STEAM ON SECOND CUT	3-10-72	1420
STEAM ON THIRD CUT	3-11	0145
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DISSOLVER NO. A - 3		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO. 72A-3-26	
CAR NO.	FROM AREA	YOKE NUMBER				DATE 1972	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
42	KE	809T	807T	808T		3-9					433
47	KE	1334T	1333T	1335T		3-9					404
45	KE	812T	811T	810T		3-9			1315		433
38	KE	815+	814+	813+		3-9			1820		433
39	KE	1330+	1331+	1329+		3-9			1820		404
36	KE	1425+	1424+	1136+		3-9			1820		433

DISSOLVER TO D-3			
CUT	DATE	TIME	BY
1st	3-10-72	1325	JJ
2nd	3-10-72	2147	OB
3rd	3-11	0535	<i>[Signature]</i>

COATING REMOVAL	1925	DATE	TIME
COATING WASTE TO D-2		3-10-72	0815
D2 TO C FARM		3-16-72	0210

DISSOLVING		
STEAM ON FIRST CUT	3-10-72	0500
STEAM ON SECOND CUT	3-10-72	1525
STEAM ON THIRD CUT	3-10	2315
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DECLASSIFIED

DECLASSIFIED

DISSOLVER NO. C - 3		DISSOLVER OPERATION AND METAL TRANSFERS										CHARGE NO. 72-C-3-25	
CAR NO.	FROM AREA	YOKE NUMBER			DATE	BUCKET IN				AGE			
		"A" SIDE	"B" SIDE	"C" SIDE		"D" SIDE	TIME "A"	TIME "B"	TIME "C"		TIME "D"		
44	KE	1421B	1422B	1423T	3/8		8-4			432			
37	KE	1325T	1324F	1326T	3/8		1720			403			
38	KE	1323T	1322T	1321T	3/8		1720			403			
40	K2	0806T	0805T	0804T	3/8		1920			432			
36	K2	1417B	1416B	1415B	3/8		1920			432			
39	K2	0816T	0817A	0818T	3/8		1920			432			

DISSOLVER TO D-4		
CUT	DATE	BY
1st	3-9 1235	QPS
2nd	3-9 1932	QPS
3rd	3-9 0355	QPS

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2	3-9-72	0145
D2 TO C FARM	3-9-72	0330

DISSOLVING	
STEAM ON FIRST CUT	3-9-72 0635
STEAM ON SECOND CUT	3-9 1400
STEAM ON THIRD CUT	3-9 2111
STEAM ON HEEL CUT NO. 1	
NO. 2	
NO. 3	

SECRET

DISSOLVER NO.		DISSOLVER OPERATION AND METAL TRANSFERS										CHARGE NO.
B - 3												72-B-3-24
CAR NO.	FROM AREA	YOKE NUMBER			DATE	BUCKET IN				AGE		
		"A" SIDE	"B" SIDE	"C" SIDE		"D" SIDE	TIME "A"	TIME "B"	TIME "C"		TIME "D"	
37	KE	1319 T	1320 T	1336 T	3-7-72						402	
42	KE	0803-T	0801-T	0802-T	3-7-72						431	
47	KE	0115-T	0114-T	0113-T	3-7-72				2310		402	
43	KE	1488 B	1479 B	1420 B	8-8-72				8-4		432	
45	KE	0118 T	0117 T	0116 T	3-8				8-4		429	
46	KE	0110 T	0111 T	0112 T	3-8				8-4		429	

CK 3-8 1130

DISSOLVER TO D-3			
CUT	DATE	TIME	BY
12	3-8	2335	OB
2	3-9	0600	2RB
3	3-9	1300	JB

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2	3-8	1738
D2 TO C FARM		

DISSOLVING		
STEAM ON FIRST CUT	3-8	1930
STEAM ON SECOND CUT	3-9	0120
STEAM ON THIRD CUT	3-9	0725
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DECLASSIFIED

DECLASSIFIED

DISSOLVER NO. A - 3		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO. 72-A-3-23	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
113	KE	1315T	1314T	1313T		3-6-72			↓		401
116	KE	0821T	0820T	0819T		3-6-72			2000		430
37	KE	1412B	1413B	1414B		3-6			↓		430
39	KE	0119T	0120T	0121T		3-6			↓		401
42	KE	0122T	0124T	0123T		3-6			2335		401

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1st	3-8	0800	JA
2nd	3-8	1430	JA

Ready to charge
@ 1748
C shifts

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2	3-7-72	0720
D2 TO C FARM		

DISSOLVING		
STEAM ON FIRST CUT	3-8-72	0945
STEAM ON SECOND CUT	3-8	0915
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DISSOLVER NO.		DISSOLVER OPERATION AND METAL TRANSFERS										CHARGE NO.	
C-3												72 C-3-22	
CAR NO.	FROM AREA	YOKE NUMBER			DATE	BUCKET IN				AGE			
		"A" SIDE	"B" SIDE	"C" SIDE		"D" SIDE	TIME "A"	TIME "B"	TIME "C"		TIME "D"		
42	KE	1218T	1201B	1202B	3-6							430	
39	KE	1221T	1220T	1219T	3-6							1130	
36	KE	1309T	1308T	1307T	3-6				1050			401	
38	KE	0824T	0823T	0822T	3-6							426	
40	KE	1318T	1317T	1316T	3-6							397	
44	KE	0125T	0127T	0126T	3-6						1825	397	

DISSOLVER TO D-4			
CUT	DATE	TIME	BY
121	3-7-72	1640	J.J.
2ND	3-8-72	0110	LRD

COATING REMOVAL STEAM ON	DATE 3-6	TIME 1845
COATING WASTE TO D-2	3-7-72	0045
D2 TO C FARM	3-7-72	0300

DISSOLVING	
STEAM ON FIRST CUT	3-7 1105
STEAM ON SECOND CUT	3-7 1840
STEAM ON THIRD CUT	
STEAM ON HEEL CUT NO. 1	
NO. 2	
NO. 3	

DECLASSIFIED

DECLASSIFIED

DISSOLVER NO. B - 3		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO. 72-B-3-21	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
40	100K	1403B	1404B	1405B		3/5/72		1830			429
43	100K	1411B	1410B	1409B		"		"			429
44	100K	1306T	1305T	1304T		"		"			400
37	100K	1224T	1223T	1222T		"		1200			429
38	100K	1312T	1311T	1310T		"		"			400
46	100K	1408B	1407B	1406B		"		"			429

DISSOLVER TO D-4			
CUT	DATE	TIME	BY
1st	3-6-72	2055	G. J.
2nd	3-7-72	0415	L. R. D.
3rd	3-7	1020	Y. J.

COATING REMOVAL	DATE 3-5	TIME 2235
COATING WASTE TO D-2	3-6-72	0345
D2 TO C FARM	3-6-72	0600

DISSOLVING		
STEAM ON FIRST CUT	3-6	0745
STEAM ON SECOND CUT	3-6-72	2230
STEAM ON THIRD CUT	3-7-72	0540
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

SECRET

DISSOLVER NO.		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO.	
A - 3										12A-3-20	
CAR NO.	FROM AREA	YOKE NUMBER				DATE 1972	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
38	KE	1202T	1203T	1204T		3-5					429
43	KE	1225T	1226T	1201T		3-5					429
44	KE	1215T	1216T	1217T		3-5			0950		429
37	KE	130B	131B	132B		3-5					400
39	KE	136B	1301B	1302B		3-5					400
42	KE	135B	134B	133B		3-5			1135		400

DISSOLVER TO D-			
CUT	DATE	TIME	BY
<i>1st</i>	<i>3-4</i>	<i>045</i>	<i>Stoneking</i>
<i>2nd</i>	<i>3-6</i>	<i>1230</i>	<i>SP</i>

COATING REMOVAL		DATE	TIME
		<i>3-5-72</i>	<i>1150</i>
COATING WASTE TO D-2		<i>3/5/72</i>	<i>1747</i>
D2 TO C FARM		<i>3-5-72</i>	<i>2010</i>

DISSOLVING		
STEAM ON FIRST CUT	<i>3-5-72</i>	<i>2115</i>
STEAM ON SECOND CUT	<i>3-6-72</i>	<i>0615</i>
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DECLASSIFIED

DECLASSIFIED

DISSOLVER NO.		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO.	
C - 3										12.C-3-19	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
39	100K	1303T	1302T	1301T		3-4-72		1815		399	
40	100K 0124B	0124B	0125B	0126B		"		"		399	
46	100K	0127B	0128B	0129B		"		"		398	

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1st	3-5	0650	JAHH
1st	3-5	1345	JA
2nd	3-6	0040	LKD

COATING REMOVAL	3-5-72	TIME 2047
COATING WASTE TO D-2	3-5-72	0220
D2 TO C FARM	3	

DISSOLVING		
STEAM ON FIRST CUT	3-5-72	0715
STEAM ON SECOND CUT	3-5-72	1612
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DISSOLVER NO.		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO.	
B - 3										72B-3-18	
CAR NO.	FROM AREA	YOKE NUMBER				DATE 1972	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
36	KE	117B	116B	115B		3-4					399
45	KE	118B	119B	120B		3-4					399
47	KE	121B	122B	123B		3-4			1245		399
37	KE	1213T	1212T	1211T		3-4					428
42	KE	1210T	1209T	1208T		3-4					428
43	KE	1207T	1205T	1206T		3-4			1535		428

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1st	3-5	0650	Ham.

COATING REMOVAL Steam on	DATE 3-4-72	TIME 160
COATING WASTE TO D-2	3-4-72	2240
D2 TO C FARM	3-4-72	2333

DISSOLVING		
STEAM ON FIRST CUT	3-5	0110
STEAM ON SECOND CUT	3-5	0820
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DECLASSIFIED

DECLASSIFIED

DISSOLVER NO. 17 - 3		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO. 72-A-3-17	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
44	100K	0109B	0110B	0111B		3-3-72			32W		398
39	100K	0114B	0113B	0112B		"			"		398
41	100K	0827B	0829B	0828B		"			"		427
38	100K	0106T	0104T	0105T		"			"		398
40	100K	0826B	0825B	1214T		"			"		427
46	100K	0824B	0822B	0823B	0825B	11			"		427

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1st	3-4-72	1830	CCJ
2nd	3-5-72	0355	YAM

STEAM ON		DATE	TIME
COATING REMOVAL		3-4	0740
COATING WASTE TO D-2		3-4	0930
D2 TO C FARM		3-4	

DISSOLVING		
STEAM ON FIRST CUT	3-4	1230
STEAM ON SECOND CUT	3-4	2005
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

SECRET

SECRET

DISSOLVER NO. C - 3		DISSOLVER OPERATION AND METAL TRANSFERS						CHARGE NO. 12-C-3-12			
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
37	KE	128T	129T	130T		3-2-72		1900			397
42	KE	101T	102T	103T		"		"			397
43	KE	0725B	0724B	1701B		"		"			397
36	KE	0815B	0814B	0813B		"		1900 0150			426
45	KE	0816B	0817B	0818B		"		1900			426
47	KE	0819B	0820B	0821B		3-3-72		0150			427

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1st	3-3-72	1615	CCJ
2nd	3-3-72	2320	CCJ
3rd	3-4-72	0700	J.M.

STEAM ON 3-3-72 0200		
COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2	3-3-72	0700
D2 TO C FARM	3-3	0900

DISSOLVING		
STEAM ON FIRST CUT	3-3	1100
STEAM ON SECOND CUT	3-3	1817
STEAM ON THIRD CUT	3-4	0130
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DECLASSIFIED

DECLASSIFIED

DISSOLVER NO. 5 - 3		DISSOLVER OPERATION AND METAL TRANSFERS										CHARGE NO. 22-B-3-15	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE		
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"			
45	KE	811B	810B	812B		3-1-72	✓		2330		4125		
39	KE	135T	136T	134T		"	✓		"		3960		
36	KE	869B	808B	867B		"	✓		"		425		
38	KE	0828T	0829T	0410T		3-2-72	✓		✓		426		
41	KE	131-T	132-T	133-T		3-2	✓		✓		397		
47	KE	0827-T	0826-T	0825-T		3-2	✓		1450		426		

DISSOLVER TO D-				BY	
CUT	DATE	TIME			
1st	3-3	0900			
2nd	3-3	1810			

COATING REMOVAL	DATE 3-2	TIME 1249
COATING WASTE TO D-2	3-2-72	2250
D2 TO C FARM	3-3-72	0145

DISSOLVING		
STEAM ON FIRST CUT	3-3-72	0315
STEAM ON SECOND CUT	3-3	1140
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DISSOLVER NO. A - 3		DISSOLVER OPERATION AND METAL TRANSFERS										CHARGE NO. 72 - A 3-14	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE		
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"			
38	KE	325B	727 B	826B		3-1-72	1750					396 446	
40	KE	715 B	716B	717 B		"	"					396 525	
46	KE	0801 B	0802 B	0803 B		"	"					425	
43	KE	0725B	0726B	722B 1204B		"	1900					396	
37	KE	719B	718B	724 B		"	"					396	
41	KE	804B	805B	806 B		"	"					425	

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1st	3-12	1250	J.A.M.
2nd	3-2-72	2035	CCJ
3rd	3-3-72	0450	CCJ

COATING REMOVAL STEEL R N	DATE 3-1-72	TIME 21:00
COATING WASTE TO D-2	3-2	0410
D2 TO C FARM	3-2	0620

DISSOLVING		
STEAM ON FIRST CUT	3-2	0810
STEAM ON SECOND CUT	3-2	1450
STEAM ON THIRD CUT	3-2/72	2210
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DECLASSIFIED

DECLASSIFIED

DISSOLVER NO. C - 3		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO. 72 C - 3 - 13	
CAR NO.	FROM AREA	YOKE NUMBER				DATE 1-4-72	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
39	KE	327B	326B	834		2-29					455
41	KE	106B	105B	104B		2-29					395
42	KE	103B	102B	101B		2-29			1840		395
37	KE	319B	320B	321B		2-29			2330		455
45	KE	107B	108B	1704T		3-1-72			0105		396
47	KE	322B	323B	324B		2-29			2330		455

DISSOLVER TO D-4			
CUT	DATE	TIME	BY
1st	3-1-72	1613	CCF
2nd	3-1-72	2300	CCF

STEAM ON		3-1-72	0110
COATING REMOVAL	DATE		TIME
COATING WASTE TO D-2		3-1-72	0615
D2 TO C FARM		3-1-72	0915

DISSOLVING		
STEAM ON FIRST CUT	3-1-72	1145
STEAM ON SECOND CUT	3-1-72	1522
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DISSOLVER NO. A - 3		DISSOLVER OPERATION AND METAL TRANSFERS										CHARGE NO. 72-A-3-12	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE		
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"			
38	KE	0315B	0314B	0313B		2-29-72	✓	✓	✓		455		
40	KE	0307B	0308B	0309B		2-29-72	✓	✓	✓		455		
44	KE	0318B	0317B	0316B		2-29-72	✓	✓	0600		455		
36	KE	0312B	0310B	0311B		2-29-72					455		
43	KE	713B	714B	1704B		2-29-72					395		
46	KE	328-B	330-B	329-B		2-29-72				1025	455		

DISSOLVER TO D-		DATE	TIME
COATING REMOVAL		2-29	1233
COATING WASTE TO D-2		2-29	1710
D2 TO C FARM		2-29	1940

DISSOLVING		DATE	TIME
STEAM ON FIRST CUT		2-29	2130
STEAM ON SECOND CUT		3-1	0550
STEAM ON THIRD CUT			
STEAM ON HEEL CUT NO. 1			
NO. 2			
NO. 3			

DISSOLVER TO D-		DATE	TIME	BY
1st	3-1-72	0400		QEA
2nd	3-1-72	1241		QEA

DECLASSIFIED

DECLASSIFIED

SECRET

DISSOLVER NO.		DISSOLVER OPERATION AND METAL TRANSFERS										CHARGE NO.
A - 3												72-A-3-11
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE	
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"		
41	KE	333-B	332-B	331-B		2-26	1205	1205	1205		452	
42	KE	707-B	706-B	705-B		2-26					392	
45	KE	708-B	709-B	703-B		2-26				1200	392	
37	KE	732-B	733-B	731-B		2-26					392	
39	KE	712-B	711-B	710-B		2-26					392	
47	K-E	730-B	729-B	728-B		2-26				1435	392	

DISSOLVER TO D-D			
CUT	DATE	TIME	BY
1st	2-28-72	0210	CRJ
2nd	2-28	2230	JA

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2	2-26	2045
D2 TO C FARM	2-26	2100

DISSOLVING		
STEAM ON FIRST CUT	2-27	0025
STEAM ON SECOND CUT	2-28	0350
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

~~SECRET~~

DISSOLVER NO.		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO.	
C - 3										72-C-3-10	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
47	KE	1703 T	707 B	704 B		2-26-72			0555		392
46	KE	734 B	735 B	736 B		2-26-72			0555		392
43	KE	626 B	627 B	702 B		2-26-72			0555		392
39	KE	334 B	335 B	336 B		2-26-72			0700		452
38	K-E	0304 B	0305 B	0306 B		2-26-72			0945		452
44	KE	0302 B	0303 B	0301 B		2-26-72			0945		452
										2-26	1020

DISSOLVER TO D-			
CUT	DATE	TIME	BY
1st	2-27	0245	LLS
2nd	2-29	0730	RLS

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2	2-26	1630
D2 TO C FARM	2-26	1848

DISSOLVING		
STEAM ON FIRST CUT	2-26	2140
STEAM ON SECOND CUT	2-29	0045
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DECLASSIFIED

C-10

DECLASSIFIED

DISSOLVER NO. C - 3		DISSOLVER OPERATION AND METAL TRANSFERS										CHARGE NO. 72C-3-9	
CAR NO.	FROM AREA	YOKE NUMBER				DATE 1-27-72	BUCKET IN				AGE		
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"			
37	KE	622B	623B	620B		2-24					390		
41	KE	628B	630B	629B		2-24					390		
42	KE	1702T	624B	625B		2-24			1835		390		
36	KE	417B	419B	418B		2-24					419 450		
40	KE	412B	411B	413B		2-24					419		
45	KE	414B	415B	416B		2-24			2225		419		

DISSOLVER TO D-1A			
CUT	DATE	TIME	BY
1st	2-25	1735	80
2nd	2-26	0225	888

COATING REMOVAL	57M ON	2-24	2315
COATING WASTE TO D-2		2-25	0455
D2 TO C FARM			

DISSOLVING			
STEAM ON FIRST CUT		2-25	1145
STEAM ON SECOND CUT		2-25	2005
STEAM ON THIRD CUT			
STEAM ON HEEL CUT NO. 1			
NO. 2			
NO. 3			

Tomato Pans

DISSOLVER NO.		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO.	
B - 3										72-B-3-8	
CAN NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
E-1031-3-2						2-16-72					
E-8-13-8A	234-5										
E-7-2-1A	B ✓					11					
	C										
	D ✓					11					
	E										
E-11-10-3A	F ✓										
	G										
E-1019-3A	✓					"	Completed 1000				

DISSOLVER TO D-			
CUT	DATE	TIME	BY
<i>1st</i>	<i>2-28-72</i>	<i>0007</i>	<i>ACS</i>

COATING REMOVAL	<i>Chase</i>	DATE	TIME
COATING WASTE TO D-2	<i>H₂O</i>	<i>2-23</i>	<i>1730</i>
D2 TO C FARM			

DISSOLVING		
STEAM ON FIRST CUT	<i>2-23</i>	<i>2100</i>
STEAM ON SECOND CUT	<i>2-24</i>	<i>1915</i>
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

SECRET

DECLASSIFIED

C-8

SECRET

DECLASSIFIED

Tomato Cans

DISSOLVER NO.		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO.	
C - 3										72-C-3-7	
Can CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
E-1031-5	234-5										
E-1019-5A	5B					2-15-72					
	5C										
	5D										
MAN-3-110	✓					✓					
E-1060-4A	9B										
	9-C	✓				✓					
	9-D										
E-1031-3A	3B										
	3C	✓									
	3D										

Charged 0930

DISSOLVER TO D-4			
CUT	DATE	TIME	BY
1st	2-17	0530	?
1st HEEL	2-19	0900	
2nd HEEL	2-23-72	0155	F. J.
3rd Heel 2-23-72 0155			

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2	2-17	0530
D2 TO C FARM		

DISSOLVING		
STEAM ON FIRST CUT	2-15	0530
STEAM ON SECOND CUT	2-17	0600
STEAM ON THIRD CUT	2-18	0215
STEAM ON HEEL CUT	2-19	0700
2nd Heel Cut Re-digest - Steam on NO. 2	2-22	0200
Steam on Third Heel Cut NO. 3	2-23	0550

SECRET

C-7

~~SECRET~~

Tomato Cans

DISSOLVER NO. <i>B - 3</i>		DISSOLVER OPERATION AND METAL TRANSFERS				CHARGE NO. <i>72-B-3-6</i>				
CON CAR NO.	FROM AREA	BUCKET IN				DATE	AGE			
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"
<i>CE-8-13-4H</i>										
<i>" 6B</i>	<i>236-2</i>									
<i>CE-1014-1A</i>										
<i>B</i>	<i>236 Z</i>									
<i>CE-1014-7A</i>										
<i>B</i>	<i>236 Z</i>									
<i>CE-1014-6A</i>										
<i>B</i>	<i>236 Z</i>									

DISSOLVER TO D-			
CUT	DATE	TIME	BY
<i>1st</i>	<i>2-15</i>	<i>1420</i>	<i>107/2</i>

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2		
D2 TO C FARM		

DISSOLVING		
STEAM ON FIRST CUT	<i>2-14</i>	<i>1800</i>
STEAM ON SECOND CUT		
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DECLASSIFIED

C-4

DECLASSIFIED

DISSOLVER NO.		DISSOLVER OPERATION AND METAL TRANSFERS										CHARGE NO.	
A - 3												72-A-3-4	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE		
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"			
37	HE	636 B	635-B	634 B		2-11-72				1030			377
43	HE	613 B	614 B	615 B		"				"			377
45	HE	610 B	611 B	612 B		"				"			377
41	HE	407 B	406 B	405 B		"				1500			406
42	HE	418 T	417 T	404 B		"				"			406
36	HE	611 B	617 B	618 B		"				"			377

DISSOLVER TO D-3				
CUT	DATE	TIME	BY	
1st	2-12-72	1830	GAS	
2nd	2-13	0420	R	

COATING REMOVAL STEAM ON	2-11	DATE	2200
COATING WASTE TO D-2	2-12	DATE	0515
D2 TO C FARM	2-12	DATE	0725

DISSOLVING			
STEAM ON FIRST CUT	2-12-72	0914	
STEAM ON SECOND CUT	2-12-72	2015	
STEAM ON THIRD CUT			
STEAM ON HEEL CUT NO. 1			
NO. 2			
NO. 3			

C-4

SECRET

Toronto BNS

DISSOLVER NO. <i>B - 3</i>		DISSOLVER OPERATION AND METAL TRANSFERS								CHARGE NO. <i>72-15-8-3</i>	
CAR NO.	FROM AREA	YOKE NUMBER				DATE	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
						<i>2-11-72</i>					<i>0945</i>

DISSOLVER TO D-			
CUT	DATE	TIME	BY
<i>1</i>	<i>2-11-72</i>	<i>0430</i>	<i>[Signature]</i>

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2		
D2 TO C FARM		

DISSOLVING		
STEAM ON FIRST CUT		
STEAM ON SECOND CUT		
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

DECLASSIFIED

C. J

DECLASSIFIED

TOMATO CANS.

DISSOLVER NO. C - 3		DISSOLVER OPERATION AND METAL TRANSFERS 536								CHARGE NO. 72C-3-2	
SHIPPING CAN NO.	FROM AREA	PACKAGE WASTE NUMBERS				DATE 1972	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
1	236-Z	CE-8-13-9A	CE-8-13-9-B	CE-8-14-1-A	CE-8-14-1-B	2-10					
2	236-Z	CE-8-14-2-A	CE-8-14-2-B	CE-10-3-1-B		2-10					
3	236-Z	CE-10-4-3-A	CE-10-4-3-B	CE-10-4-3-C	CE-10-4-3-D	2-10	Completed charge @ 1000 C.S.W.				

NORMAL 4 + 144 SCRAP

DISSOLVER TO D- D			
CUT	DATE	TIME	BY
1 st	2-12-72	1740	Ceds

COATING REMOVAL	DATE	TIME
COATING WASTE TO D-2		
D2 TO C FARM		

DISSOLVING		
STEAM ON FIRST CUT	2-11-72	0705
STEAM ON SECOND CUT		
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

~~SECRET~~

DISSOLVER NO. <i>A - 3</i>		DISSOLVER OPERATION AND METAL TRANSFERS						72 A-3-1 72 A-1 72 A-4			
CAR NO.	FROM AREA	YOKE NUMBER				DATE <i>1972</i>	BUCKET IN				AGE
		"A" SIDE	"B" SIDE	"C" SIDE	"D" SIDE		TIME "A"	TIME "B"	TIME "C"	TIME "D"	
<i>36</i>	<i>K</i>	<i>0602-B</i>	<i>0603-B</i>	<i>0601-B</i>		<i>2-8</i>	<i>Charged</i>				<i>374</i>
<i>41</i>	<i>K</i>	<i>605-B</i>	<i>606-B</i>	<i>604-B</i>		<i>2-8</i>					<i>374</i>
<i>42</i>	<i>K</i>	<i>0609-B</i>	<i>0608-B</i>	<i>0607-B</i>		<i>2-8</i>					<i>374</i>
<i>46</i>	<i>K</i>	<i>411-T</i>	<i>412-T</i>	<i>413-T</i>		<i>2-8</i>				<i>8-4</i>	<i>403</i>
<i>39</i>	<i>K</i>	<i>0414-T</i>	<i>0415-T</i>	<i>0416-T</i>		<i>2-8</i>					<i>403</i>
<i>47</i>	<i>K</i>	<i>403-B</i>	<i>402-B</i>	<i>401-B</i>		<i>2-8</i>					<i>403</i>

DISSOLVER TO D-3			
CUT	DATE	TIME	BY
<i>1st</i>	<i>2-10</i>	<i>1420</i>	<i>ACS</i>
<i>2nd</i>	<i>2-11</i>	<i>0640</i>	<i>om</i>

COATING REMOVAL <i>Steamer</i>	<i>2-8-72</i> DATE	<i>22:5</i> TIME
COATING WASTE TO D-2	<i>2-10-72</i>	<i>0420</i>
D2 TO C FARM		

DISSOLVING		
STEAM ON FIRST CUT	<i>2-10</i>	<i>0835</i>
STEAM ON SECOND CUT	<i>2-10</i>	<i>2030</i>
STEAM ON THIRD CUT		
STEAM ON HEEL CUT NO. 1		
NO. 2		
NO. 3		

~~SECRET~~
DECLASSIFIED

		<u>Normal</u>
A3, B3, C3	HNO ₃	4.00
	AT	1.51 ¹⁰
	Th	1.78

DECLASSIFIED

NUCLEAR MATERIAL TRANSFER RECORD										TRANSFER SERIES NO.
CHEMICAL PROCESSING DIVISION <u>A-B-C-3</u> OPERATION										
DATE										
TANK	SHIPPING									
	RECEIVING									
TYPE MATERIAL										
BATCH NUMBER										
TIME START										
TIME END										
WEIGHT FACTOR	BEFORE									
	AFTER									
BOARD	SP. GR.									
	TEMP.									
	CORR. SP. GR.									
LAB. SERIAL NUMBER										
LAB. SP. GR.										
U LBS./GAL.										
PU GMS./GAL.										
Np GMS./GAL.										
SUPV. APPROVAL										
LIQUID LEVEL	BEFORE									
	AFTER									
GALLONS	BEFORE									
	AFTER									
GALLONS TRANSFERRED										
U LBS. TRANSFERRED										
GRAMS PU TRANSFERRED										
GRAMS Np TRANSFERRED										
Na OH REQUIRED										

DECLASSIFIED

SAMPLE POINT AB-0 FLOWSHEET DESIGNATION

SAMPLE NUMBER	BATCH NUMBER	DATE	TIME	SpG	U	AT	Pu	Np	HNO ₃	F ₂	R _u 103	R _u 106				
9909	72 B-4-17	5-14-72	1855	1.178	2.17 ⁻⁴		1.21 ¹¹		1.24							
9918	72 B-4-17	5-14	2240	1.178	2.17 ⁻⁴		1.22 ¹¹		1.46							
9921	72 B-4-17	5-15	0215		2.17 ⁻⁴	RA 1.25 ¹¹	1.06 ¹¹		1.29							
9949	72 C-4-18	5-15	1145	1.178			1.64 ¹¹		1.00							
9957	72 C-4-18	5-15	2100	1.178	2.17 ⁻³	1.48 ¹¹	1.35 ¹¹		1.95							
9984	72 C-4-18	5-16	1325	1.184	2.17 ⁻³	1.48 ¹¹	1.35 ¹¹		1.01							
68	72 B-4-19	5-18	0605	1.750	1.53 ²		1.35 ¹¹		1.25							
69	72 B-4-19	5-18	0605	1.740	2.17 ⁻⁴		1.29 ¹¹		1.85							
111	72 C-4-20	5-19	0215	1.173	1.50 ⁻³		1.39 ¹¹		1.66							
118	72 C-4-20	5-19	0600	1.179	2.17 ⁻⁴		1.36 ¹¹		1.66							
167	72 B-4-21	5-20	0840	1.165	3.45 ⁻⁴		1.19 ¹¹		1.05							
195	72 C-4-22	5-20	2310		6.53 ⁻⁷		1.66 ¹¹		1.23							
197	72 C-4-22	5-20	2310				3.25 ¹¹		1.28							
198	72 B-4-21	5-20	2130				1.27 ¹¹		1.76							
206	72 C-4-22	5-21	0105	1.162	1.00 ⁻²		3.24 ¹¹		1.12							
293	72 C-4-23	5-23	0940	1.143	2.55 ⁻⁷		4.35 ¹¹		1.25							
410	72 C-4-23	5-24	2330	1.149	4.18 ⁻⁷		4.34 ¹¹		1.24							
411	72 C-4-23	5-24	2330													

RES
Thick
Sample

ANALYTICAL DATA

LIMITS

A-B-C

SAMPLE CODE

SERIAL NO.	BATCH NO.	DATE	TIME	LAB SP GR	U	AT	PuH	HN03	CONCENTRATION	pH	Fe	Zr	Ra	Ce	Cs	St
8510	72-B-4-11	4-19	1005		240		1.51	4.13								
8614	72-C-4-12	4-21	1015		219	RR	1.35	4.27	1.92							
8616	72-C-4-12	4-21	1900		217	RR	1.37	4.04								
8652	72-C-4-12	4-22	0515			RR	1.59			1.70						
8683	72-C-4-12	4-22	1820			RR	1.47			1.89						
9048	72-B-4-13	5-3	0730		175		7.54	4.90								
9069	72-B-4-13	5-3	1505		180		8.94	4.30								
9074	72-B-4-13	5-3	1045		199		1.04									
9081	72-B-4-13	5-4	0640		126		7.02	4.53	5.02							
9114	72-B-4-14	5-4	1730				7.63	6.25								
9158	72-B-4-15	5-5	2305		7.29		6.93	4.28	1.70							
9176	72-B-4-15	5-6	1050		155		7.33	5.03								
9285	72-C-4-16	5-7	1020		1.17		8.08	4.16								
9317	72-C-4-16	5-7	1500		1.17		2.63	4.40	1.67							
9325	72-C-4-16	5-7	2145				Bad	Bad								
9352	72-C-4-16	5-8	0130	NG												
9361	72-C-4-16	5-8	0645	Good												
9463	72-C-4-16	5-8	2330		4.81		1.48	1.80								
9475	72-C-4-16	5-9	0110		7.83		2.01									
9480	72-B-4-15	5-9	0245		7.83	1.76	1.36	2.95	4.76							

A-6820-016 (4-64)

DEFINITION - ST

DECLASSIFIED

ANALYTICAL DATA

LIMITS

SAMPLE CODE

A.B.C.

SERIAL NO.	BATCH NO.	DATE	TIME	LAB SP GR	U ₁ R	AT	Pu	NP	HNO ₃	CAUSTIC RATIO	pH	Fe	Ru	Ce	Cs	Sr
7485	72-C-4-4	4-4	1815		6.00		1.45		4.07	F _{1.00} RD						
7555	72-B-4-5	4-5	2050		2.33		1.84		3.91							
7595	72-C-4-5	4-6	0930		12.42		1.75		4.29	F _{1.00} RD						
7630	72-B-4-5	4-6	2130				1.48		3.84	Bad sample						
7639	72-C-4-6	4-7	0505				1.89		3.88							
7663	72-B-4-5	4-7	1450		2.30		1.77		3.70							
7706	72-C-4-6	4-8	1420				4.40		4.70							
7707	72-C-4-6	4-8	1420		1.98				BAD SAMPLE							
7753	72-C-4-6	4-9	2045		2.32		1.73		3.95							
7770	72-C-4-6	4-9	2200				1.76		3.78							
7837	72-B-4-7	4-11	0555		2.41		1.02		3.72							
7853	72-B-4-7	4-11	1150		2.30		1.06		3.61							
7857	72-B-4-7	4-11	1725				1.19		3.65							
7963	72-B-4-7	4-13	1525		1.28		1.30		4.45							
7964	72-C-4-6	4-13	1525		1.44		1.50		4.25							
8090	72-C-4-8	4-15	1900		1.81		9.61		2.89							
8161	72-B-4-9	4-16	1000		2.50		1.37		5.99							
8199	72-C-4-8	4-16	1725		6.96		1.56		4.94							
8206	72-B-4-9	4-16	1840		1.14		4.77		4.64							
8404	72-C-4-10	4-18	0950				9.67		3.37							

DECLASSIFIED

ANALYTICAL DATA

SAMPLE CODE

A, B, C

LIMITS

SERIAL NO.	BATCH NO.	DATE	TIME	LAB SP GR	U	AT	Pu	NP	HNO3	CAUSTIC RATIO	PH	Fe	F	Ru	Ce	Cs	St
2337	72-0-3-7 2-19	2-19	0530		-3 2.10		1.88		4.77								
2387	72-0-3-7 2-19	2-19	2250		-4 9.62		2.58		4.93								
2511	72-0-3-7 2-22	2-22	1250		-4 5.26		3.53		3.95								
2581	72-0-3-7 2-23	2-23	1530		-4 1.43		2.09		4.16								
2620	72-0-3-8 2-24	2-24	1045		-4 8.00		4.75		1.90								
2731	72-0-3-8 2-25	2-25	0530		-4 8.82		8.59		2.77								
2828	72-0-3-8 2-25	2-25	1800		-4 1.09		5.19		1.77								
3004	72-0-3-8 2-27	2-27	0645		-4 1.29		6.51		1.94								
7051	72-0-3-8 3-28	3-28	0930		-4 1.48		8.43		4.81								
7064	72-0-3-8 3-28	3-28	1110		-4 1.48		1.16		2.32								
7254	72-0-4-1 3-31	3-31	1640		-4 1.146		1.85										
7258	72-0-4-1 3-31	3-31	1835		-4 2.49		1.63										
7289	72-0-4-1 4-1	4-1	0705		-4 1.00		1.55		4.66								
7297	72-0-4-2 4-1	4-1	0945		-4 8.95		1.48										
7318	72-0-4-2 4-1	4-1	1430		-4 7.05		1.48		4.71								
7328	72-0-4-2 4-1	4-1	1740		-4 1.03		1.63										
7329	72-0-4-2 4-1	4-1	1810		-4 1.05		1.55		4.69								
7438	72-0-4-3 4-3	4-3	1450		-4 2.10		1.49		3.78								
7467	72-0-4-4 4-4	4-4	0725		-4 2.03		1.49		3.92								

ANALYTICAL DATA

A B C

LIMITS

SAMPLE CODE

SERIAL NO.	BATCH NO.	DATE	TIME	LAB SP GR	U	AT	Pu	NP	HNO3	CAUSTIC RATIO	Fe	Zr	Ru	Ce	Cs
6919	C-35	12-24	0300		9.61		5.70		5.96		2.28%				
6956	C-35	12-24	0915						1.07		more				
7201	B-38	MATH			1.60		3.05			PH 13.2		3.43			
7383	C-39	MATH			1.00		5.8				PH 8.0	4.8			
7345	C-39	MATH	1810												
7510	B-3	12-29	0240		4.66		5.8			PH 10.0					
8280	F-43	1-9-72	0920			5.76			1.43						
8457	B-3	7-3			INS. Sample		INS. Sample								
9701	A3	1-24-72													
264	72-15-2-50	1-28			5.48		1.07				7.22	3.0			
1837	72-10-72	2-130			2.86		7.33								
1901	72-10-32	2-12	0115		1.16		4.19		3.45						
1917	72-10-32	2-12	0600		9.86		9.02		3.41						
1935	C-3	2-12	0914		2.44		4.61		3.39						
1978	72-10-32	2-13	0545		1.36		1.70		3.90						
2004	72-10-32	2-13	1700		1.17		1.14		3.80						
2091	72-10-32	2-15	0245		1.05		5.63		3.22						
2139	72-10-32	2-15	2235		1.25		3.54		3.61						
2163	72-10-32	2-16	1405		2.09		5.40		3.74						
2236	72-10-32	2-17	1425				1.21		3.60						

DECLASSIFIED

ANALYTICAL DATA

SAMPLE CODE A-B-C

LIMITS

SERIAL NO.	BATCH NO.	DATE	TIME	LAB SP GR	U	AT	Pu	NP	HNO3	CAUSTIC RATIO	pH	Fe	Zr	Ru	Ce	Cs	Sr
4168	12-1	0945			1.54		8.76			F 9.68 ⁻²	8.81						
4456	12-3	2315			1.20		<4.06				7.4						
4460	12-4	0250			3.72		2.02				12.3						
4552	12-4	1800			2.08		3.70			.250							
4704	12-5	2135			1.23		3.78				10.9						
4800	12-6	2020			2.36		1.43				12.5						
4921	12-7	1515			2.24		4.30			F 6.60 ⁻²	12.5						
5175	12-9	2150			9.11		3.20				13.6						
5449	12-12	0230			1.91		1.64				10.0						
5560	12-13	0235					Pu Pol										
5567	12-13	0235			9.98		2.44				10.0						
5568	12-13	0235									.518						
5615	12-13	1345			1.42		2.96				12.7						
5825	12-15	12-8			7.49		1.38				10.0						
5961	12-16	0900			9.23		7.90				12.7						
6133	12-17	1815			2.06		3.87		.01	5.32 ⁻²	18.0	F .053					
6135	12-17	1815			6.04		9.41				12.3	F .054					
6248	12-18	1745			6.72		2.19				12.5	F -2					
6443	12-20	1055			1.45		2.89				13.2						
6606	12-21	1440															
6754	12-22	1850															

ANALYTICAL DATA

LIMITS

SERIAL NO.	BATCH NO.	DATE	TIME	LAB SP. GR.	U	AT	P _u	NP	HNO ₃	CAUSTIC RATIO	pH	Fe	Zr	Ru	Ce	Cs	Sc
C-3	4142	10-23	0135	1	2.11	7.91					12.3						
A-4	1479	10-24	0145	1	1.50	2.12					12.9						
	1506	10-24	2225	1	1.98	2.08					12.9						
C-2	1542	10-25	2130	1	1.30	2.16					12.7						
A-2	1583	10-26	2125	1	1.73	1.06					12.2						
B-2	1703	10-28	0700	1	2.37	7.62					12.6						
C-1	1981	10-30	2310	1	2.75	9.52					10.0						
A-2	2156	11-1	1150	1	8.61	None reported					11.0						
B-2	2232	11-1	1115	1	5.47	3.78					10.0						
C-3	2329	11-2	2210	1	1.71	2.13					11.0						
A-2	2528	11-4	0700	1	1.80	8.35					12.5						
C-3	2703	11-5	1840	1	5.18	1.43					12.1						
A-3	2869	11-7	0320	1	1.01						11.8						
C-3	3019	11-8	0940	1	9.76	NG					10.0						
	2872	11-7	0320	1													
	3355	11-11	0635	1	6.81	6.60					10.0						
	3353	11-11	0645	1	7.69	9.73					10.0						
	3808	11-20	1720	1	1.79						12.8						
	3862	11-21	2155	1	6.59						12.9						
	3920	11-24	0300	1	4.58						12.6						

DECLASSIFIED

A-3, B-3, C-3

DECLASSIFIED

LIMITS

SERIAL END. MSE	BATCH NO.	DATE	TIME	LAB SP GR	U	AT	Pu	NP	HNO ₃	CAUSTIC RATIO	pH	Fe	Zr	Ru	Ce	Cs	Sr
1416	72B-2-2	10-22	0105		1.33 ⁻⁴	3.78 ⁷	3.78				10.0						
1442	72B-2-3	10-23			2.10 ⁻⁴	7.91 ⁷											
1479	A-3	10-24									12.8						

UNCLASSIFIED

~~Page 11 of 11~~

SODIUM HYDROXIDE AND SODIUM NITRATE REQUIREMENTS
FOR "E" METAL

Basis: 1.25 moles NaOH/mole Al
 1.00 moles NaNO₃/mole Al

Slugs are different from the old reactors v
 versus the newer K reactors, both in the
 amount of aluminum and the number of slugs
 in a bucket.

<u>Area</u>	<u>Number of Slugs</u>	<u>NaOH (50%)</u>		<u>NaNO₃ (36%)</u>	
		<u>Lbs.</u>	<u>Gallons</u>	<u>Lbs.</u>	<u>Gallons</u>
KE-KW	300	288	23	681	64
B,C,D	350	336	27	795	75

If the number of slugs per bucket vary from
 above, contact supervisor or process control.
 If the number of slugs per bucket are the same
 as above, use the following table to determine
 the caustic (NaOH) and sodium nitrate (NaNO₃)
 addition.

Caustic and Sodium Nitrate Requirements
For Various Charges

<u>Total Gallons Required for:</u>		<u>NaOH</u>	<u>NaNO₃</u>
18 buckets from K	0 buckets from others	414	1150
15 buckets from K	3 buckets from others	426	1180
12 buckets from K	6 buckets from others	438	1215
9 buckets from K	9 buckets from others	450	1245
6 buckets from K	12 buckets from others	462	1280
3 buckets from K	15 buckets from others	474	1310
0 buckets from K	18 buckets from others	486	1340

To convert to pounds:

NaOH gallons x 12.5

NaNO₃ gallons x 10.7

UNCLASSIFIED

UNCLASSIFIED

SODIUM HYDROXIDE AND SODIUM NITRATE REQUIREMENTS
FOR NATURAL METAL

Basis: Natural Uranium, aluminum clad, I and E

1.25 moles NaOH/mole Al

1.00 moles NaNO₃/mole Al

Normal 240 Piece Buckets

Gallons 50% NaOH per bucket - 23
Pounds 50% NaOH per bucket - 289

Gallons 36% NaNO₃ per bucket - 60
Pounds 36% NaNO₃ per bucket - 637

Total Caustic and Sodium Nitrate
Requirements for Normal 240 Piece Buckets

<u>Number of Buckets</u>	<u>NaOH</u> <u>(Gallons)</u>	<u>NaNO₃</u> <u>(Gallons)</u>
18	414	1073
15	345	894
12	273	715

Special Buckets Containing Mixer Slugs

(Mixer - 15.3 lbs weight factor)

<u>Percent Mixer</u>	<u>25%</u>	<u>50%</u>	<u>75%</u>	<u>100%</u>
Gallons 50% NaOH	25	26	28	31
Pounds 50% NaOH	321	334	355	395
Gallons 36% NaNO ₃	65	70	75	80
Pounds 36% NaNO ₃	689	742	795	848

UNCLASSIFIED

DECLASSIFIED

PNTF FUELS STORAGE RACK

OR 17

SECRET
A-14

By McKENZIE
72-C-4-4
72-B-4-5

Woolley
72-C-4-6

BASKET, No. X
Date In 11-22-71
Date Out 4-2-72

BASKET Carrier No. XI
Date In 11-23-71
Date Out 4-2-72

Basket Carrier No. XII
Date In 11-23-71
Date Out 4-2-72

BASKET Carrier No. XIII
Date In 11-29-71
Date Out 4-4-72

BASKET Carrier No. XIV
Date In 11-30-71
Date Out 4-4-72

Carrier No. XV
Date In 12-6-71
Date Out 4-4-72

Carrier No. XVI
Date In 1-3-72
Date Out 4-5-72

Carrier No. XVII
Date In 1-14-72
Date Out 4-5-72

Carrier No. XVIII
Date In 1-18-72
Date Out 4-5-72

Basket No. I
Date In 11-1-71
Date Out 3-29-72

Basket No. II
Date In 11-2-71
Date Out 3-29-72

Basket No. III
Date In 11-3-71
Date Out 3-29-72

Basket No. IV
Date In 11-4-71
Date Out 3-29-72

Basket No. V
Date In 11-12-71
Date Out 3-29-72

Basket No. VI
Date In 11-16-71
Date Out 3-29-72

Carrier No. VII
Date In 11-17-71
Date Out 4-2-72

Basket No. VIII
Date In 11-18-71
Date Out 4-2-72

Carrier No. IX
Date In 11-19-71
Date Out 4-2-72

72-B-4-1
By McKENZIE

72-C-4-2
C-3-1
3-30-72-ACSHINE

72-B-4-3
By McKENZIE

DATE ISSUED
12/29/69

SUPERSEDES DATE ISSUED
NEW

PAGE
5 OF 5

SOP NO.
2.11

McKune
72-B-4-11

Johnson
72-C-4-12

Woolery
72-B-4-13

(34) Carrier No. #31
Date In 1-31-72
Date Out 4-17-72

(35) Carrier No. 32
Date In 2-1-72
Date Out 4-17-72

(36) Carrier No. 33
Date In 2-2-72
Date Out 4-17-72

(37) Carrier No. 34
Date In 2-3-72
Date Out 4-19-72

(38) Carrier No. 35
Date In 2-15-72
Date Out 4-19-72

(39) Carrier No. 36
Date In 2-17-72
Date Out 4-19-72

(40) Carrier No. 37-0
Date In 2-18-72
Date Out 4-20-72

(41) Carrier No. 41
Date In 2-22-72
Date Out 5-2-72

(42) Carrier No. 38
Date In 2-23-72
Date Out 4-20-72

Carrier No. 39
Date In 2-24-72
Date Out 4-20-72

(44) Carrier No. 40
Date In 2-25-72
Date Out 5-2-72

Carrier No. 42
Date In 5-2-72
Date Out 5-2-72

	A-10			
B-10	A-11			
B-11	A-12			
B-12	A-13			
B-13	A-14			
B-14	A-15			
B-15	A-16			
B-16	A-17			
B-17	A-18			
B-18	A-19			
B-19	A-20			
B-20	A-21			
B-21				

Rec'd
in Cook

Carrier No. 19
Date In 1-10-72
Date Out 4-9-72

Carrier No. 20
Date In 1-12-72
Date Out 4-9-72

Carrier No. 21
Date In 1-13-72
Date Out 4-9-72

Carrier No. #22
Date In 1-14-72
Date Out 4-14-72

Carrier No. #23
Date In 1-17-72
Date Out 4-14-72

Carrier No. #24
Date In 1-19-72
Date Out 4-14-72

Carrier No. 25
Date In 1-20-72
Date Out

Carrier No. 26
Date In 1-21-72
Date Out

Carrier No. 27
Date In 1-20-72
Date Out

Carrier No. 28
Date In 1-26-72
Date Out

Carrier No. 29
Date In 1-27-72
Date Out

Carrier No. 30
Date In 1-28-72
Date Out

72-B-4-7
4972 Olson

72C-4-8
Johnson

72-B-4-9
4-14-72
open. Ashpie

72-C-4-10
4-16-72
McKune

- (22)
- (23)
- (24)
- (25)
- (26)
- (27)
- (28)
- (29)
- (30)
- (31)
- (32)
- (33)

A. 14

STORAGE RACK

Carrier No. H3
 Date In 1-5-72
 Date Out 3-4-72

[Handwritten signature]

Carrier No. B4
 Date In 1-6-72
 Date Out 3-4-72

[Handwritten signature]

Carrier No. [scribble]
 Date In 1-7-72
 Date Out 3-4-72

[Handwritten signature]

46) 72-C-4-16
 47) 5-5-72
 48)

DECLASSIFIED

DECLASSIFIED

SLUG STORAGE BASIN RECORD - PUREX 202 - A BUILDING

CAR NO.	FROM AREA	LOAD NO.	POSITION			PIECES	KEY NO.	DATE REC'D	TO BASE POSITION NO'S			DATE	TO DISS.	CHARGE NO.	TIME	DATE
			A	B	C				A	B	C					
41	KW	2136	662	668	669		9133	9-4	C-10	C-11	C-12	9-4	A-3	72-A-1-85	2310	9-15-71
38	KW	2137	870	869	868		9280	9-4	D-1	D-2	D-3	9-4	A-3	72-A-1-85	2310	9-15-71
36	KW	2138	900	899	898		9260	9-4	D-4	D-5	D-6	9-4	A-3	72-A-1-73	0130	9-1-71
44	KW	2139	871	872	873		9260	9-4	D-7	D-8	D-9	9-4	A-3	72-A-1-73	0730	9-5-71
47	KW	2140	897	896	895		9260	9-4	D-10	D-11	D-12	9-4	A-3	72-A-1-85	2310	9-15-71
37	KW	2163	1143	1142	1141		9157	9-7	D-4	D-5	D-6	9-7	A-3	72-A-1-85	4-1-2	9-8-71
45	KW	2164	1049	650	651		9157	9-7	D-7	D-8	D-9	9-7	A-3	72-A-1-75	4-1-2	9-8-71
36	KW	2162	1140	1139	1138		9260	9-7	D-10	D-11	D-12	9-7	A-3	72-A-1-75	4-1-2	9-8-71
58	KW	2185	594	595	596		9157	9-10	D-7	D-8	D-9	9-10	B-3	72-B-1-82	4-1-2	9-13-71
41	KW	2206	510	509	508		9157	9-12	D-10	D-11	D-12	9-12	B-3	72-B-1-82	4-1-2	9-13-71
37	KW	2207	532	780	779		9109	9-12	B-1	B-2	B-3	9-12				
36	KW	2208	2507	2506	2505		9404	9-12	B-4	B-5	B-6	9-12	A-3	72-A-1-75		9-21-71
47	KW	2230	3109	3108	3107		9404	9-16	D-7	D-8	D-9	9-15	A-3	72-A-1-85	2310	9-15-71
41	KW	2238	2535	2534	2533		9404	9-15	D-10	D-11	D-12	9-15	A-3	72-A-1-85	2310	9-15-71
42	KW	2244	1824	1823	1822		9512	9-17	C-7	C-8	C-9	9-17	B-3	72-B-1-88	0320	9-18
38	KW	2256	2424	2423	2422		9512	9-18	D-1	D-2	D-3	9-18	B-3	72-B-1-88	0100	9-21
39	KW	2253	2814	2813	2812		9512	9-18	D-4	D-5	D-6	9-18	B-3	72-B-1-88	0100	9-21
46	KW	2306					9324	9-25		D-1	D-2	9-25	B-3	72-B-1-88	0330	9-21
37	KW	2309	2625	2624	2623		9624	9-25	A-3	A-4	A-5	9-25	B-3	72-B-1-88	0330	9-21
42	KW	2310	3114	3113	3112		9324	9-25	A-6	A-7	A-8	9-25	A-3	72-A-1-85	0830	9-27
45	KW	2311	3114	3113	3112		9324	9-25	A-9	A-10	A-11	9-25	A-3	72-A-1-85	1630	9-27
47	KW	2315	2628	2627	2626		9624	9-26	D-12	C-1	C-2	9-26	B-3	72-B-1-88	1900	9-26
39	KW	2316	3114	3113	3112		9324	9-26	C-3	C-4	C-5	9-26	B-3	72-B-1-88	1900	9-26
41	100K	2325	3120	3121	3122		9595	9-26	C-1	C-2	C-3	9-26	A-3	72-A-1-85	2245	9-28
39	100K	2326	3004	3007	3006		9622	9-26	C-4	C-5	C-6	9-26	A-3	72-A-1-85	2245	9-28

SLUG STORAGE BASIN RECORD - PUREX 202 - A BUILDING

CAR NO.	FROM AREA	LOAD NO.	POSITION			PIECES	KEY NO.	DATE REC'D	TO BASE POSITION NO'S			DATE	TO DISS.	CHARGE NO.	TIME	DATE
			A	B	C				A	B	C					
40	100K	2053	152	151	150		9058	8-25-71	D4	D5	D6	8-25-71				
44	100K	2052	147	148	149		9059	8-25-71	D10	D11	D12	8-25-71	A-3	72-A-56	12-8	8-26-71
45	100K	2065	159	160	161		9058	8-26	D-2	D-8	D-9	8-26	A-3	72-A-56	12-8	8-26-71
45	100K	2063	156	157	158		9058	8-26	D-1	D-2	D-3	8-26	A-3	72-A-56	8-4	8-27
42	100K	2064	174	173	172		9058	8-26	D-4	D-5	D-6	8-26	A-3	72-A-56	4-12	8-27
44	100K	2062	142	143	144		9564	8-26	C10	C11	C12	8-26	A-3	72-A-56	2-28	9-1
37	100K	2067	162	163	164		9058	8-26	D10	D11	D12	8-26	A-3	72-A-56	8-4	8-27
46	100K	2066	169	170	171		9058	8-26	C7	C8	C9	8-26	A-3	72-A-56	12-8	9-1
46	100K	2076	835	836	837		9119	8-27	D-1	D-2	D-3	8-27	A-3	72-A-56	0330	8-31
37	100K	2077	840	841	842		9119	8-27	D-4	D-5	D-6	8-27	A-3	72-A-56	0330	8-31
41	100K	2008	844	845	846		9119	8-27	D-7	D-8	D-9	8-27	A-3	72-A-56	0330	8-31
42	100K	2091	1048	1049	1050		9119	8-29	D10	D11	D12	8-29	A-3	72-A-56	0330	8-31
46	100K	2092	1008	1009	1010		9119	8-29	B4	B5	B6	8-29	A-3	72-A-56	12-8	9-1
46	100K	2099	823	824	825		9119	8-30				8-30	A-3	72-A-56	12-8	9-1
47	100K	2100	823	824	825		9119	8-30	B-7	B-8	B-9	8-30	A-3	72-A-56	0330	8-31
47	100K	2100	823	824	825		9119	8-30				8-30	A-3	72-A-56	0330	8-31
42	100K	2102	2130	2131	2132		9244	8-30	0	0	0	8-30	A-3	72-A-56	4-12	9-3-71
39	100K	2103	2127	2128	2129		9244	8-30	D1	D2	D3	8-30	A-3	72-A-56	4-12	9-3-71
37	100K	2109	2109	2110	2111		9244	8-30	D4	D5	D6	8-30	A-3	72-A-56	4-12	9-3-71
42	100K	2110	2114	2115	2116		9244	8-30	D-7	D-8	D-9	8-30	A-3	72-A-56	4-12	9-3-71
39	100K	2112	672	680	681		9133	9-1	D-10	D-11	D-12	9-1	A-3	72-A-56	4-12	9-3-71
41	100K	2111	2103	2104	2105		9244	9-1	C1	C2	C3	9-1	A-3	72-A-56	4-12	9-3-71
38	100K	2114	2136	2137	2138		9244	9-1	C4	C5	C6	9-1	A-3	72-A-56	0320	9-18-71
36	100K	2113	2108	2109	2110		9244	9-1	C-10	C-11	C-12	9-1	A-3	72-A-56	0530	9-4-71
39	100K	2135	867	868	869		9260	9-4	C7	C8	C9	9-4	A-3	72-A-56	0530	9-4-71
39	100K	2135	867	868	869		9260	9-4	C-7	C-8	C-9	9-4	A-3	72-A-56	2310	9-15-71

A-000-002 (7-63)

DECLASSIFIED

A12

DECLASSIFIED

SLUG STORAGE BASIN RECORD - PUREX 202 - A BUILDING - Chg. 72B-163

CAR NO.	FROM AREA	LOAD NO.	POSITION			PIECES	KEY NO.	DATE REC'D	TO BACK POSITION NO'S			DATE	TO DISS.	CHARGE NO.	TIME	DATE
			A	B	C				A	B	C					
37	C	1931	129KE 2609C 1628KE 1629KE 1630KE	130KE 2608C 1627KE 1628KE 1629KE	2607C 1630KE 1631KE 1632KE 1633KE		9217	8-12-71	(C-1)	(C-3)	(C-3)	8-12-71	A-3	72A-1-64	1300	8-30-71
41	C	1932	1651C 1652C 1653C 1654C	2652C 2653C 2654C 2655C	2656C 2657C 2658C 2659C		9359	8-12	C-4	C-5	C-6	8-12	A-3	72A-1-64	12-8	8-1-71
44	C	1933	1654C 1655C 1656C 1657C	2655C 2656C 2657C 2658C	2659C 2660C 2661C 2662C		9359	8-12	C-7	C-8	C-9	8-12	A-3	1-A-37	0730	8-16-71
39	C	1944	754C 755C 756C 757C	753C 754C 755C 756C	757C 758C 759C 760C		9359	8-13	C-7	C-8	C-9	8-13	A-3	1-B-42	0235	8-16-71
40	B	1970	1524B 1525B 1526B 1527B	1523B 1524B 1525B 1526B	1527B 1528B 1529B 1530B		9535	8-16	C-4	C-5	C-6	8-16	A-3	72A-1-64	12-8	9-1-71
41	B	1971	1525B 1526B 1527B 1528B	1524B 1525B 1526B 1527B	1528B 1529B 1530B 1531B		9535	8-16	C-7	C-8	C-9	8-16	B-3	1-B-44	2110	8-17-71
39	B	1968	2729KE 2730KE 2731KE 2732KE	2728KE 2729KE 2730KE 2731KE	2732KE 2733KE 2734KE 2735KE		9535	8-16	C-10	C-11	C-12	8-16	B	1-A-42	—	8-17-71
38	100K	1984	2729KE 2730KE 2731KE 2732KE	2728KE 2729KE 2730KE 2731KE	2732KE 2733KE 2734KE 2735KE		9183	8-18	C-7	C-8	C-9	8-18	A-3	72A-1-64	1300	8-20-71
36	100K	1983	2729KE 2730KE 2731KE 2732KE	2728KE 2729KE 2730KE 2731KE	2732KE 2733KE 2734KE 2735KE		9183	8-18	C-10	C-11	C-12	8-18	B-3	72B-1-46	0220	8-19-71
40	100K	1985	2729KE 2730KE 2731KE 2732KE	2728KE 2729KE 2730KE 2731KE	2732KE 2733KE 2734KE 2735KE		9183	8-18	D-1	D-2	D-3	8-18	B-3	72B-1-46	0220	8-19-71
37	KW	1987	2630KE 2631KE 2632KE 2633KE	2629KE 2630KE 2631KE 2632KE	2633KE 2634KE 2635KE 2636KE		9183	8-18	D-4	D-5	D-6	8-18	B-3	72B-1-46	0220	8-19-71
39	KW	1988	2630KE 2631KE 2632KE 2633KE	2629KE 2630KE 2631KE 2632KE	2633KE 2634KE 2635KE 2636KE		9183	8-18	D-10	D-11	D-12	8-18	B-3	72B-1-46	0220	8-19-71
41	KW	1986	2630KE 2631KE 2632KE 2633KE	2629KE 2630KE 2631KE 2632KE	2633KE 2634KE 2635KE 2636KE		9183	8-18	D-7	D-8	D-9	8-18	B-3	72B-1-46	0220	8-19-71
38	KW	1998	1520KE 1521KE 1522KE 1523KE	1519KE 1520KE 1521KE 1522KE	1523KE 1524KE 1525KE 1526KE		9183	8-19	D-1	D-2	D-3	8-19	A-3	72A-1-48	1300	8-20-71
39	KW	1997	1520KE 1521KE 1522KE 1523KE	1519KE 1520KE 1521KE 1522KE	1523KE 1524KE 1525KE 1526KE		9183	8-19	D-4	D-5	D-6	8-19	A-3	72A-1-48	1300	8-20-71
41	KW	1996	1520KE 1521KE 1522KE 1523KE	1519KE 1520KE 1521KE 1522KE	1523KE 1524KE 1525KE 1526KE		9183	8-19	D-7	D-8	D-9	8-19	B-3	72B-1-47	0600	8-20
44	KW	1999	608 2633KE 1911B 1912B 1913B	609 2632KE 1910B 1911B 1912B	607 2631KE 1909B 1910B 1911B		9058	8-19	D-10	D-11	D-12	8-19	B-3	72B-1-47	0600	8-20
42	B	2008	1911B 1912B 1913B 1914B	1910B 1911B 1912B 1913B	1914B 1915B 1916B 1917B		9455	8-20	D-1	D-2	D-3	8-20	—	—	—	—
36	B	2007	1911B 1912B 1913B 1914B	1910B 1911B 1912B 1913B	1914B 1915B 1916B 1917B		9455	8-20	D-4	D-5	D-6	8-20	A-3	72A-1-51	1930	8-24
39	KW	2007	1531KE 1532KE 1533KE 1534KE	1530KE 1531KE 1532KE 1533KE	1534KE 1535KE 1536KE 1537KE		9183	8-20	D-7	D-8	D-9	8-20	A-3	72A-1-51	0520	8-23
41	KW	2011	379KW 380KW 381KW 382KW	378KW 379KW 380KW 381KW	382KW 383KW 384KW 385KW		9058	8-20	D-10	D-11	D-12	8-20	A-3	72A-1-51	0520	8-23
41	KW	2017	10P KW 11P KW 12P KW 13P KW	9P KW 10P KW 11P KW 12P KW	13P KW 14P KW 15P KW 16P KW		9455	8-21	C-7	C-8	C-9	8-21	B-3	72B-1-51	0100	8-25
41	B	2022	2011B 2012B 2013B 2014B	2010B 2011B 2012B 2013B	2014B 2015B 2016B 2017B		9455	8-22	C-10	C-11	C-12	8-22	B-3	72B-1-51	0100	8-25
45	B	2021	2008B 2009B 2010B 2011B	2007B 2008B 2009B 2010B	2011B 2012B 2013B 2014B		9455	8-22	B-3	B-2	B-1	8-22	A-3	72A-1-51	12-8	9-1-71
45	B	2045	1825B 1826B 1827B 1828B	1824B 1825B 1826B 1827B	1828B 1829B 1830B 1831B		9564	8-23	D-7	D-8	D-9	8-23	A-3	72A-1-51	1930	8-24
36	B	2046	1330B 1331B 1332B 1333B	1329B 1330B 1331B 1332B	1333B 1334B 1335B 1336B		9564	8-23	D-10	D-11	D-12	8-23	A-3	72A-1-51	1930	8-24

AIM

Association for Information and Image Management

1100 Wayne Avenue, Suite 1100
Silver Spring, Maryland 20910
301/587-8202

Centimeter

Inches

MANUFACTURED TO AIM STANDARDS
BY APPLIED IMAGE, INC.

2 of 2

SLUG STORAGE BASIN RECORD - PUNEX 202 - A BUILDING

CAR NO.	FROM AREA	LOAD NO.	POSITION			PIECES	KEY NO.	DATE REC'D	TO BASIN POSITION NO'S			DATE	TO DISS.	CHARGE NO.	TIME	DATE
			A	B	C				A	B	C					
37	B	1781	1816B 1023KE 1815B 1818B 1819B	1815B 1023KE 1815B 1818B 1819B	1814B 1023KE 1815B 1818B 1819B		9216	7-25-71	C-1	C-2	C-3	7-25	A-3	1A13	1030	7-26
41	B	1782	1817B 1027KE 1822B 1823B 1824B	1817B 1027KE 1822B 1823B 1824B	1819B 1025 1820B 1821B 1822B		9216	7-25	C-6	C-5	C-4	7-25	A-3	1A13	1050	7-26
42	B	1783	1822B 1027KE 1823B 1824B 1825B	1822B 1027KE 1823B 1824B 1825B	1820B 1024KE 1821B 1822B 1823B		9216	7-25	C-7	C-8	C-9	7-25	A-2	1A13	1110	7-26
40	B	1784	1825B 1027KE 1823B 1824B 1825B	1825B 1027KE 1823B 1824B 1825B	1820B 1024KE 1821B 1822B 1823B		9216	7-25	C-10	C-11	C-12	7-25	B-3	1-B-12	0255	7-26
36	B	1785	1825B 1027KE 1823B 1824B 1825B	1825B 1027KE 1823B 1824B 1825B	1820B 1024KE 1821B 1822B 1823B		9216	7-25	D-1	D-2	D-3	7-25	B-3	1-B-12	0255	7-26
47	B	1790	1825B 1027KE 1823B 1824B 1825B	1825B 1027KE 1823B 1824B 1825B	1820B 1024KE 1821B 1822B 1823B		9216	7-26	D-1	D-2	D-3	7-26	A-3	1-A-13	1130	7-27
40	B	1791	1825B 1027KE 1823B 1824B 1825B	1825B 1027KE 1823B 1824B 1825B	1820B 1024KE 1821B 1822B 1823B		9216	7-26	D-4	D-5	D-6	7-26	A-3	1-A-13	1130	7-27
36	B	1792	1825B 1027KE 1823B 1824B 1825B	1825B 1027KE 1823B 1824B 1825B	1820B 1024KE 1821B 1822B 1823B		9216	7-26	D-7	D-8	D-9	7-26	A-3	1-A-13	1130	7-27
39	B	1802	1825B 1027KE 1823B 1824B 1825B	1825B 1027KE 1823B 1824B 1825B	1820B 1024KE 1821B 1822B 1823B		9141	7-27	D-1	D-2	D-3	7-28	B-3	1-B-16	1310	7-28
36	C	1803	1825B 1027KE 1823B 1824B 1825B	1825B 1027KE 1823B 1824B 1825B	1820B 1024KE 1821B 1822B 1823B		9141	7-27	D-4	D-5	D-6	7-28	B-3	1-B-16	1330	7-28
44	C	1804	1825B 1027KE 1823B 1824B 1825B	1825B 1027KE 1823B 1824B 1825B	1820B 1024KE 1821B 1822B 1823B		9141	7-27	D-7	D-8	D-9	7-28	B-3	1-B-16	1400	7-28
36	C	1810	1825B 1027KE 1823B 1824B 1825B	1825B 1027KE 1823B 1824B 1825B	1820B 1024KE 1821B 1822B 1823B		9141	7-28	D-1	D-2	D-3	7-28	A-3	1-A-17	0850	7-29
39	C	1809	1825B 1027KE 1823B 1824B 1825B	1825B 1027KE 1823B 1824B 1825B	1820B 1024KE 1821B 1822B 1823B		9141	7-28	D-4	D-5	D-6	7-28	A-3	1A17	0910	7-29
42	C	1808	1825B 1027KE 1823B 1824B 1825B	1825B 1027KE 1823B 1824B 1825B	1820B 1024KE 1821B 1822B 1823B		9141	7-28	D-7	D-8	D-9	7-28	A-3	1A17	0930	7-29
37	B	1814	1825B 1027KE 1823B 1824B 1825B	1825B 1027KE 1823B 1824B 1825B	1820B 1024KE 1821B 1822B 1823B		9141	7-29	D-1	D-2	D-3	7-29	Charged			
42	B	1815	1825B 1027KE 1823B 1824B 1825B	1825B 1027KE 1823B 1824B 1825B	1820B 1024KE 1821B 1822B 1823B		9141	7-29	D-4	D-5	D-6	7-29	B-3	1B18	0240	7-30
39	B	1816	1825B 1027KE 1823B 1824B 1825B	1825B 1027KE 1823B 1824B 1825B	1820B 1024KE 1821B 1822B 1823B		9141	7-29	D-7	D-8	D-9	7-29	B-3	1B18	0240	7-30
41	B	1821	1825B 1027KE 1823B 1824B 1825B	1825B 1027KE 1823B 1824B 1825B	1820B 1024KE 1821B 1822B 1823B		9141	7-30	D-1	D-2	D-3	7-30	A-3	1-A-25	0150	8-1
38	B	1822	1825B 1027KE 1823B 1824B 1825B	1825B 1027KE 1823B 1824B 1825B	1820B 1024KE 1821B 1822B 1823B		9141	7-30	D-4	D-5	D-6	7-30	A-3	1-A-19	0230	7-31
42	KW	1823	1825B 1027KE 1823B 1824B 1825B	1825B 1027KE 1823B 1824B 1825B	1820B 1024KE 1821B 1822B 1823B		9112	7-30	D-7	D-8	D-9	7-30	A-3	1-A-19	0300	7-31
36	B	1833	1825B 1027KE 1823B 1824B 1825B	1825B 1027KE 1823B 1824B 1825B	1820B 1024KE 1821B 1822B 1823B		9141	7-31	D-10	D-11	D-12	7-31	A-3	1-A-21	1000	8-1
37	K	1835	1825B 1027KE 1823B 1824B 1825B	1825B 1027KE 1823B 1824B 1825B	1820B 1024KE 1821B 1822B 1823B		9112	7-31	D-10	D-11	D-12	7-31	A-3	1-A-21	1000	8-1
39	B	1837	1825B 1027KE 1823B 1824B 1825B	1825B 1027KE 1823B 1824B 1825B	1820B 1024KE 1821B 1822B 1823B		9112	7-31	D-10	D-11	D-12	7-31	A-3	1-A-21	1000	8-1
42	K	1856	1825B 1027KE 1823B 1824B 1825B	1825B 1027KE 1823B 1824B 1825B	1820B 1024KE 1821B 1822B 1823B		9165	8-3-71	B-7	B-8	B-9	8-3	A-3	1-A-25	1210	8-4
38	C	1879	1825B 1027KE 1823B 1824B 1825B	1825B 1027KE 1823B 1824B 1825B	1820B 1024KE 1821B 1822B 1823B		9189	8-5-71	D-4	D-5	D-6	8-5-71	1-B-28	1-B-28	0645	8-6-71
46	C	1870-77	1825B 1027KE 1823B 1824B 1825B	1825B 1027KE 1823B 1824B 1825B	1820B 1024KE 1821B 1822B 1823B		9155 9189	8-5-71	D-9	D-8	D-7	8-5-71	1-B-28	1-B-28	0645	8-6-71

DECLASSIFIED

SECRET

SLUG STORAGE BASIN RECORD - PUNEY 202 - A BUILDING

CAR NO.	FROM AREA	LOAD NO.	POSITION			PIECES	KEY NO.	DATE REC'D	TO BASIN POSITION NO'S			DATE	TO DISS.	CHARGE NO.	TIME	DATE
			A	B	C				A	B	C					
40	KE	5845	1236T	1235T	1234T		9534	6-13	D-10	D-11	D-12	-	B-3	88	0340	6-14-71
41	KE	5852	1931T	1930T	1929T		9534	6-14	D-7	D-8	D-9	6-14	A-3	89	0400	6-15-71
37	KE	5853	1929T	1908T	1907T		9534	6-14	D-10	D-11	D-12	6-14	A-3	89	0400	6-15-71
43	KE	5858	1916T	1917T	1918T		9534	6-15	D-9	D-8	D-7	6-15	B-3	98	0150	6-27-71
36	KE	5857	1913T	1914T	1915T		9534	6-15	D-12	D-11	D-10	6-15	B-3	98	0150	6-27-71
42	C	1780	2028C	2029C	2020C		9156	7-14	D-3	D-2	D-1	7-14	A-3	1A19	0200	7-31-71
36	C	1781	2031C	2032C	2033C		9156	7-14	D-6	D-5	D-4	7-14	A-3	1A13	1130	7-1-71
44	C	1782	2034C	2035C	2036C		9156	7-14	D-9	D-8	D-7	7-14	A-3	1A13	1150	7-1-71
42	C	1777	2021C	2020C	2019C		9156	7-14	C-4	C-3	C-2	7-14	A-3	1A11	1000	7-25-71
40	C	1778	2024C	2023C	2022C		9156	7-14	C-1	C-2	C-3	7-14	A-3	1A11	1000	7-25-71
39	C	1779	2025C	2026C	2027C		9156	7-14	D-12	D-11	D-10	7-14	A-3	1A11	1000	7-25-71
37	C	1783	2039C	2038C	2037C		9156	7-14	D-9	D-8	D-7	7-14	A-3	1A11	1000	7-25-71
38	C	1785	2085C	2084C	2083C		9156	7-14	D-12	D-11	D-10	7-14	A-3	1A11	1000	7-25-71
41	C	1784	2082C	2081C	2080C		9156	7-14	D-3	D-2	D-1	7-14	A-3	1A11	1000	7-25-71
45	C	1786	2086C	2087C	2088C		9156	7-15	D-6	D-5	D-4	7-15	A-3	1A11	1000	7-25-71
44	C	1788	2092C	2093C	2094C		9156	7-15	D-9	D-8	D-7	7-15	A-3	1A11	1000	7-25-71
36	C	1787	2099C	2090C	2091C		9156	7-15	D-12	D-11	D-10	7-15	A-3	1A11	1000	7-25-71
36	C	1804	2225C	2226C	2227C		9156	7-17	D-12	D-11	D-10	7-17	A-3	1A11	1000	7-25-71
37	B	1805	2228C	2229C	2230C		9156	7-17	D-9	D-8	D-7	7-17	A-3	1A11	1000	7-25-71
39	B	1806	2231C	2232C	2233C		9156	7-17	D-6	D-5	D-4	7-17	A-3	1A11	1000	7-25-71
37	B	1809	2442C	2443C	2444C		9156	7-21	D-10	D-9	D-8	7-21	A-3	1A11	1000	7-25-71
39	B	1808	2235C	2236C	2237C		9156	7-21	D-1	D-2	D-3	7-21	A-3	1A11	1000	7-25-71
42	B	1807	2238C	2239C	2240C		9156	7-21	D-4	D-5	D-6	7-21	A-3	1A11	1000	7-25-71
41	B	1810	2445C	2446C	2447C		9156	7-21	D-9	D-8	D-7	7-21	A-3	1A11	1000	7-25-71
40	C	1812	2451C	2452C	2453C		9156	7-21	D-10	D-11	D-12	7-21	A-3	1A11	1000	7-25-71
41	B	1768	0913KE	0912KE	0911KE		9216	7-23	D-6	D-5	D-4	7-23	B-3	1A11	1000	7-25-71

~~SECRET~~

~~SECRET~~

SLUG STORAGE BASIN RECORD - PUEUX 202 - A BUILDING

CAR NO.	FROM AREA	LOAD NO.	POSITION			PIECES	KEY NO.	DATE REC'D	TO BASIN POSITION NO'S			DATE	TO DISS.	CHARGE NO.	TIME	DATE
			A	B	C				A	B	C					
43	KE	5748	1611B	1610B	1609A		9454	6-2	D12	C18	C10	6-2	B-3	3-3-73	1300	6-3-71
44	KE	5752	1621A	1623B	1622B		9454	6-2	D-1	D-9	D-3	6-2	3-B-73	73	1500	6-3-71
48	KE	5753	2425	2424	2423		9260	6-2	D-4	D-5	D-6	6-2	3-B-73	73	1500	6-3-71
42	KE	5754	2426B	2425B	2424B		9260	6-2	D-7	D-8	D-9	6-3	3-B-73	73	1500	6-3-71
41	KE	5766	1624B	1625B	1626B		9454	6-2	D-10	D-11	D-12	6-3	3-B-73	73	1500	6-3-71
38	KE	5758	1632	1634	1630		9454	6-3	D-7	D-8	D-9	6-3	3-A-74	74		6-4-71
36	KE	5759	1635	1634	1630		9454	6-3	D-6	D-5	D-4	6-3	3-B-79	79		6-7-71
37	KE	5760	1501	1502	1505		9454	6-3	D-10	D-11	D-12	6-3	3-A-74	74		6-4-71
45	KE	5761	1504	1502	1636		9454	6-3	D-3	D-2	D-1	6-3	3-B-79	79		6-7-71
42	KE	5769	1529	1528	1527		9454	6-4	D-7	D-8	D-9	6-4	3-A-76	76	0945	6-5-71
40	KE	5766	1518	1519	1520		9454	6-4	D-10	D-11	D-12	6-4	3-A-76	76	0945	6-5-71
40	KE	5779	1517	1516	1515		9454	6-5	D-7	D-8	D-9	6-5	B-3	77	12-8	6-6-71
39	KE	5780	1518	1519	1520		9454	6-5	D-12	D-11	D-10	6-5	B-3	77	12-8	6-6-71
45	KE	5786	1426	1427	1428		9513	6-6	D-2	D-8	D-9	6-6	A-3	78	2-4	6-7-71
36	KE	5787	901T	902T	903T		9513	6-6	D-9	D-8	D-7	6-6	A-3	78	8-4	6-7-71
45	KE	5795	923T	924T	925T		9513	6-7	D-9	D-8	D-7	6-7	B-3	81	4-12	6-8-71
47	KE	5790	1101T	1101B	0910T		9513	6-7	D-1	D-5	D-4	6-7	A-3	99	12-8	6-28-71
40	KE	5798	0931	0932T	0933T		9513	6-7	D-1	D-2	D-3	6-7	A-3	99	12-8	6-28-71
37	KE	5786	936T	935T	934T		9513	6-7	D-12	D-11	D-10	6-7	B-3	81	4-12	6-8-71
39	KE	5810	929B	930B	931B		9513	6-9	D-9	D-8	D-7	6-9	A-3	83	4-12	6-10-71
40	KE	5809	928B	927B	926B		9513	6-9	D-10	D-11	D-12	6-9	A-3	83	4-12	6-10-71
39	KE	5820	3285B	3286B	3283B		9513	6-11	D-9	D-8	D-7	6-9	A-3	85	12-8	6-12-71
40	KE	5821	1003T	1002T	1001T		9534	6-11	D-10	D-11	D-12	6-9	A-3	85	12-8	6-12-71
40	KE	5833	1030T	1029T	1028T		9534	6-12	D-7	D-8	D-9	6-12	A-3	87	12-00	6-13
42	KE	5834	1004B	1005B	1006B		9534	6-12	D-10	D-11	D-12	6-12	A-3	87	1200	6-13
39	KE	5844	1021B	1020B	1019B		9534	6-13	D-9	D-8	D-7	6-13	B-3	88	0340	6-14-71

DECLASSIFIED

~~SECRET~~ A 8

DECLASSIFIED

SECRET

SLUG STORAGE BASIN RECORD - PUREX 202 - A BUILDING

CAR NO.	FROM AREA	LOAD NO.	POSITION			PIECES	KEY NO.	DATE REC'D	TO BASIN POSITION NO'S			DATE	TO DISS.	CHARGE NO.	TIME	DATE
			A	B	C				A	B	C					
45	KE	5643	2112B	2113B	2114B		9429	5-21	C-12	C-11	C-10	5-21	3A-55	55	0315	5-22-71
39	KE	5635	2136T	2135T	2134T		9429	5-20	D-3	D-2	D-1	5-21	3A-55	55	0315	5-22-71
36	KE	5647	2126B	2125B	2124B		9429	5-21	D-4	D-5	D-6	5-21	3A-55	55	0315	5-22-71
98	KE	5646	2121B	2122B	2123B		9429	5-21	D-7	D-8	D-9	5-21	3A-55	55	0315	5-22-71
40	KE	5645	2120B	2119B	2118B		9429	5-21	D-10	D-11	D-12	5-21	3A-55	55	0315	5-22-71
39	KE	5650	2133B	2134B	2135B		9429	5-21	D-9	D-8	D-7	5-21	3B-58	58	1045	5-24-71
42	KE	5649	2132B	2131B	2130B		9429	5-21	D-1	D-2	D-3	5-21	3A-63	63	0315	5-22-71
47	KE	5648	2127B	2128B	2129B		9429	5-21	D-6	D-5	D-4	5-21	3A-62	62	2100	5-24-71
45	KE	5651	1103B	1102B	2136B		9429	5-21	D-12	D-11	D-10	5-21	3B-58	58	1045	5-24-71
98	KE	5668	1607T	1606T	1605T		9454	5-24	C-12	C-11	C-10	5-24	3B-64	64	1215	5-28-71
40	KE	5669	2734T	2735T	2736T		9403	5-24	D-7	D-8	D-9	5-24	3A-59	59	0500	5-25-71
44	KE	5670	2726B	2727B	2728B		9403	5-24	D-12	D-11	D-10	5-24	3A-59	59	0500	5-25-71
47	KE	5679	1614T	1615T	1616T		9454	5-25	D-9	D-8	D-7	5-25	3A-62	62	2100	5-24-71
47	KE	5693	1831T	MT	1832T		9403	5-27	D-5	MT	D-4	5-27	3A-63	63	0320	5-28-71
43	KE/C	5692	1635T	1634T	2549		9454	5-27	D-8	D-7	D-6	5-27	3A-63	63	0320	5-28-71
40	KE	5703	1734T	1735T	1736T		9454	5-28	C-7	C-8	C-9	5-28	B-3	72	1030	6-2
41	KE	5702	1814B	1812B	1813B		9403	5-28	C-10	C-11	C-12	5-28	B-3	72	1030	6-2
42	KE	5705	1815B	1816B	1817B		9407	5-28	D-2	D-3	D-4	5-28	A-3	3A-65	1000	5-29-71
37	KE	5704	1731T	1732T	1733T		9454	5-28	D-5	D-6	D-7	5-28	A-3	3A-65	1000	5-29-71
42	KE	5715	1722T	1723T	1724T		9454	5-29	D-1	D-2	D-3	5-29	B-3	3B-72	1000	6-2-71
39	KE	5720	0224T	0225T	0226T		9403	5-29	D-6	D-5	D-4	5-29	B-3	3B-72	1000	6-2-71
43	KE	5717	2220	221B	2200		9403	5-29	D-9	D-8	D-7	5-29	3A-70	70	0215	6-1-71
45	KE	5718	228T	229T	230T		9403	5-29	D-12	D-11	D-10	5-29	3A-70	70	0215	6-1-71
98	KE	5742	1712B	1713B	1714B		9454	6-1	D-9	D-8	D-7	6-1	3A-71	71	0900	6-2-71
40	KE	5744	1707B	1705B	1706B		9454	6-1	D-12	D-11	D-10	6-1	3A-71	71	0900	6-2-71
39	KE	5750	1615B	1616B	1617B		9454	6-2	C-9	C-8	C-7	6-2	B-3	3B-100	1200	6-2-71

SLUG STORAGE BASIN RECORD - PUREX 202 - A BUILDING

CAR NO.	FROM AREA	LOAD NO.	POSITION			PIECES	KEY NO.	DATE REC'D	TO BASIN POSITION NO'S			DATE	TO DISS.	CHARGE NO.	TIME	DATE
			A	B	C				A	B	C					
41	KE	5545	2234B	2235B	2236B	1	9357	5-6-71	C-7	C-8	C-9	5-6-71	3-A-40	40	1050	5-7-71
98	KE	5546	2228T	2229T	2230T	1	9357	5-6	C-10	C-11	C-12	5-6	3-A-40	40	1050	5-7
45	KE	5547	2225T	2226T	2227T	1	9357	5-6	D-1	D-2	D-3	5-6	3-A-40	40	1050	5-7
37	KE	5548	2014T	2013T	2012T	1	9323	5-6	D4	D5	D6	5-6	3-A-40	40	1050	5-7
38	KE	5549	2034T	2035B	2036T	1	9323	5-6	D7	D8	D9	5-6	3-B-39	39	2330	5-6
42	KE	5550	2011B	2012B	2013B	1	9323	5-7	D10	D11	D12	5-6	3-B-39	39	2330	5-6
98	KE	5556	2017B	2015B	2016B	1	9323	5-7	C-1	C-2	C-3	5-6	3-A-50	50	0600	5-18-71
37	KE	5557	2303T	2302T	2301T	1	9352	5-7	C-4	C-5	C-6	5-6	3-A-50	50	0600	5-18-71
38	KE	5558	2306T	2305T	2304T	1	9352	5-7	C-7	C-8	C-9	5-6	3-A-50	50	0600	5-18-71
41	KE	5555	2019T	2018T	2017T	1	9323	5-7	C-10	C-11	C-12	5-7	3-A-50	50	0600	5-18-71
39	KE	5559	2307T	2308T	2309T	1	9357	5-7	D4	D5	D6	5-7	3-B-41	41	0245	5-8-71
43	KE	5562	2025T	2024T	2023T	1	9323	5-7	D1	D2	D3	5-7	3-B-41	41	0245	5-8-71
42	KE	5572	1401B	2035B	2036B	1	9323	5-8	D1	D2	D3	5-8	3-A-50	50	0600	5-13-71
38	KE	6571	2318T	2317T	2316T	1	9357	5-8	D4	D5	D6	5-8	3-A-50	50	0600	5-18-71
42	KE	5579	2032B	2033B	2034B	1	9323	5-9	D7	D8	D9	5-9	3-B-49	49	0330	5-18-71
38	KE	5580	2335T	2336T	2337B	1	9357	5-9	D10	D11	D12	5-9	3-B-49	49	0330	5-18-71
36	KE	5616	0207T	0206T	0205T	1	9429	5-18	C-9	C-8	C-7	5-18	3-B-54	54	0730	5-21-71
40	KE	5615	0208T	0209T	0210T	1	9429	5-18	C-4	C-5	C-6	5-18	3-B-54	54	0730	5-21-71
41	KE	5617	0203T	0202T	0201T	1	9429	5-18	C-12	C-11	C-10	5-18	3-B-54	54	0730	5-21-71
43	KE	5618	0204T	1103T	1104T	1	9429	5-18	C-3	C-2	C-1	5-18	A-3101	101	0400	6-29-71
38	KE	5619	1102T	1106T	1105T	1	9429	5-18	D-1	D-2	D-3	5-18	3-B-54	54	0730	5-21-71
45	KE	5623	1117T	1118T	1119T	1	9429	5-18	D-6	D-5	D-4	5-18	3-B-54	54	0730	5-21-71
44	KE	5622	1114T	1115T	1116T	1	9429	5-18	D-7	D-8	D-9	5-18	3-B-54	54	2225	5-13-71
98	KE	5620	1108T	1109T	1110T	1	9429	5-18	D-10	D-11	D-12	5-18	3-B-54	54	2220	5-19-71
44	KE	5644	2106B	2107B	2108B	1	9429	5-20	C-6	C-5	C-4	5-21	3-A-101	101	0400	5-29-71
41	KE	5644	2111B	2110B	2109B	1	9429	5-20	C-7	C-8	C-9	5-21	3-B-64	64	1215	5-28-71

DECLASSIFIED

DECLASSIFIED

SLUG STORAGE BASIN RECORD - PUREX 202 - A BUILDING

CAR NO.	FROM AREA	LOAD NO.	POSITION			PIECES	KEY NO.	DATE REC'D	TO BASIN POSITION NO'S			DATE	TO DISS.	CHARGE NO.	TIME	DATE
			A	B	C				A	B	C					
39	HW	5632	951B	950B	949B		9259	4-15-71	A-12	B-11	C-10	4-15-71	A-3	3A38	0700	5-6-71
36	HW	5633	952T	953T	954T		9259	4-15-71	D-1	D-2	D-3	4-15-71	B-3	3A31	0740	5-6-71
43	HW	5634	954B	952B	953B		9259	4-15-71	C-7	C-8	C-9	4-15-71	A-3	3A38	0700	5-6-71
41	HW	5637	960T	959T	958T		9259	4-15-71	D-4	D-5	D-6	4-15-71	A-3	3A16	12-8	4-15-71
47	HW	5635	957T	956T	955T		9259	4-15-71	D-7	D-8	D-9	4-15-71	A-3	3A16	12-8	4-15-71
45	HW	5636	957B	956B	955B		9259	4-15-71	D-10	D-11	D-12	4-15-71	A-3	3A16	12-8	4-15-71
39	KW	5649	76T	77T	78T		9259	4-17-71	D-6	D-5	D-7	4-17-71	A-3	3A20	12-8	4-20-71
41	KW	5648	75T	74T	73T		9259	4-17-71	D-7	D-8	D-9	4-17-71	B-3	3B25	12-8	4-27-71
43	KW	5647	795T	794T	793T		9259	4-17-71	D-10	D-11	D-12	4-17-71	B-3	3B19	4-12	4-19-71
40	KW	5677	85B	85B	84B		9259	4-20-71	D-4	D-5	D-6	4-20-71	A-3	3A28	12-8	4-29-71
38	KW	5672	89B	88B	87B		9259	4-20-71	D-10	D-11	D-12	4-20-71	B-3	3B25	12-8	4-29-71
43	KW	5704	732B	731B	730B		9259	4-22-71	D-7	D-8	D-9	4-22-71	A-3	3A28	12-8	4-29-71
44	KW	5702	723B	724B	725B		9259	4-22-71	D-10	D-11	D-12	4-22-71	A-3	3A28	12-8	4-29-71
36	KW	5718	747B	748B	749B		9259	4-24-71	D-4	D-5	D-6	4-24-71	B-3	3B31	0740	5-1-71
42	KW	5716	751B	750B	749B		9259	4-24-71	D-7	D-8	D-9	4-24-71	B-3	3B29	12-8	4-30-71
41	KW	5716	750T	749T	748T		9259	4-24-71	D-10	D-11	D-12	4-24-71	B-3	3B29	12-8	4-30-71
36	KE	5513	3210T	3211T	3212T		9323	5-1-71	D-3	D-2	D-1	5-2-71	A-3	3A38	0700	5-6-71
44	KE	5512	3207T	3208T	3209T		9323	5-1-71	D-6	D-5	D-4	5-2-71	B-3	3B37	1530	5-5-71
42	KE	5514	3208B	3207B	3206B		9323	5-1-71	D-7	D-8	D-9	5-2-71	A-3	3A34	0700	5-3-71
98	KE	5511	3204B	3205T	3203B		9357	5-1-71	D-10	D-11	D-12	5-2-71	A3	3A34	0700	5-3-71
41	KE	5527	3217T	3216T	3215T		9357	5-3-71	D-10	D-11	D-12	5-3-71	B-3	3B37	1530	5-5-71
45	KE	5526	3218B	3217B	3216B		9323	5-3-71	D-10	D-11	D-12	5-3-71	B-3	3B37	1530	5-5-71
43	KE	5525	3219B	3218B	3217B		9323	5-5-71	D-7	D-8	D-9	5-3-71	B-3	3B37	1530	5-5-71
39	KE	5541	2237T	2238T	2239T		9357	5-5	All D-Row				A-3	3A38	0700	5-6-71
40	KE	5544	2008B	2009B	2010B		9323	5-5	All D-Row				A-3	3A38	0700	5-6-71
43	KE	5543	2009T	2010T	2011T		9323	5-5	All D-Row				A-3	3A38	0700	5-6-71

SLUG STORAGE BASIN RECORD - PUREX 202 - A BUILDING

CAR NO.	FROM AREA	LOAD NO.	POSITION			PIECES	KEY NO.	DATE REC'D	TO BASIN POSITION NO'S			DATE	TO DISS.	CHARGE NO.	TIME	DATE
			A	B	C				A	B	C					
40	KW	5544	1009T	1010T	1011T		9229	3-23-71	D-6	D-5	D-4	3-22-71	B-3	3-B-11	0240	4-14-71
37	KW	5545	1012T	1013T	1014T		9229	3-23-71	D-1	D-2	D-3	3-22-71	A-3	3-A-12	0640	4-14-71
47	KW	5549	1026T	1025T	1024T		9229	3-23-71	D-7	D-8	D-9	3-23-71	B-3	3-B-11	0240	4-14-71
36	KW	5546	1016T	1015T	1017T		9229	3-23-71	D-10	D-11	D-12	3-23-71	B-3	3-B-11	0240	4-14-71
43	KW	5547	1020T	1019T	1018T		9229	3-23-71	C-1	C-2	C-3	3-23-71	A-3	3-A-12	0640	4-14-71
44	KW	5548	1023T	1022T	1021T		9229	3-23-71	C-4	C-5	C-6	3-23-71	A-3	3-A-12	0640	4-14-71
40	KW	5553	1038T	1037T	1036T		9229	3-24-71	C-7	C-8	C-9	3-24-71	A-3	3-A-12	0640	4-14-71
46	KW	5550	1028T	1027T	1029T		9229	3-24-71	C-12	C-11	C-10	3-24-71	A-3	3-A-12	0640	4-14-71
38	KW	5551	1030T	1031T	1032T		9229	3-24-71	B-3	B-2	B-1	3-24-71	A-3	3-A-101	0400	6-29-71
37	KW	5552	1033T	1034T	1035T		9229	3-24-71	B-6	B-5	B-4	3-24-71	A-3	3-A-101	0400	6-29-71
45	KW	5555	1012B	1011B	1010B		9229	3-25-71	B-7	B-8	B-9	3-27-71	A-3-101	101	0400	6-29-71
41	KW	5554	1009B	1010T	1009T		9229	3-25-71	B-10	B-11	B-12	3-27-71	A-3	3-A-12	0640	4-14-71
41	KW	5619	645B	646B	647B		9259	4-14-71	C-1	C-2	C-3	4-14-71	A-3	3-A-40	1050	5-7-71
42	KW	5618	644B	643B	642B		9259	4-14-71	C-7	C-8	C-9	4-14-71	B-3	3-B-13	0715	4-15-71
44	KW	5617	639B	641B	640B		9259	4-14-71	C-4	C-5	C-6	4-14-71	A-3	3-A-40	1050	5-7-71
38	KW	5620	431T	432T	430B		9259	4-14-71	D-1	D-2	D-3	4-14-71	B-3	3-B-13	0715	4-15-71
40	KW	5621	430B	432B	430T		9259	4-14-71	B-10	B-11	B-12	4-14-71	A-3-101	101	0400	6-29-71
98	KW	5622	429B	431B	108T		9259	4-14-71	C-12	C-11	C-10	4-14-71	B-3	3-B-13	0715	4-15-71
39	KW	5624	942T	941T	940T		9259	4-14-71	D-4	D-5	D-6	4-14-71	B-3	3-B-13	0715	4-15-71
26	KW	5625	945T	944T	943T		9259	4-14-71	D-7	D-8	D-9	4-14-71	B-3	3-B-13	0715	4-15-71
47	KW	5623	939T	938T	937T		9259	4-14-71	D-10	D-11	D-12	4-14-71	B-3	3-B-13	0715	4-15-71
45	KW	5626	939B	938B	937B		9259	4-14-71	C-7	C-8	C-9	4-15-71	A-3	3-A-14	1745	4-15-71
43	KW	5627	942B	941B	940B		9259	4-14-71	C-10	C-11	C-12	4-15-71	A-3	3-A-14	1745	4-15-71
37	KW	5628	943B	944B	945B		9259	4-14-71	D-1	D-2	D-3	4-15-71	A-3	3-A-14	1745	4-15-71

DECLASSIFIED

1970

SLUG STORAGE BASIN RECORD – PUREX 202 – A BUILDING

CAR NO.	FROM AREA	LOAD NO.	POSITION			PIECES	KEY NO.	DATE REC'D.	TO BASIN POSITION NO'S.			DATE	TO DISS.	CHARGE NO.	TIME	DATE
			A	B	C				A	B	C					
39	KW	1793	546	546	546		9028	4-20-70	D-10	D-11	D-12	4-20-70	B-3	8-B-19	12-8	4/22/71
37	KW	1805	355	356	357		9028	4-21-70	C-1	C-2	C-3	4-23-70	A-3	8-A-24	4-12	4-24
43	KW	1803	593	594	595		9028	4-21-70	C-24	C-5	C-6	4-23-70	A-3	N	N	N
41	C	1797	586	587	588		9008	4-21-70	C-7	C-8	C-9	4-23-70	A-3	N	N	N
36	C	1800	580	581	582		9008	4-23-70	D-1	D-2	D-3	4-23-70	A-3	N	N	N
45	C	1796	587	588	589		9008	4-21-70	D-4	D-5	D-6	4-23-70	A-3	N	N	N
46	KW	1804	358	359	360		9028	4-24-70	D-7	D-8	D-9	4-23-70	A-3	N	N	N
32	100B	1810	555	556	557		9141	7-28-71	D-1	D-2	D-3	7-28-71				
39	100B	1809	551	552	553		9141	7-28-71	D-4	D-5	D-6	7-28-71				
42	100B	1809	551	552	553		9141	7-28	D-7	D-8	D-9	7-28				

DECLASSIFIED

1970

SLUG STORAGE BASIN RECORD - PUREX 202 - A BUILDING

CAR NO.	FROM AREA	LOAD NO.	POSITION			PIECES	KEY NO.	DATE REC'D.	TO BASIN POSITION NO'S.			DATE	TO DISS.	CHARGE NO.	TIME	DATE
			A	B	C				A	B	C					
40	KE	1756	1837	1838	1839		9087	3/14/70	D-3	D-2	D-1		B-3	8-B-2	0500	3-21-70
42	KE	1755	1837	1838	1839		9087	3/14/70	D-4	D-5	D-6		B-3	8-B-2	0500	3-21-70
43	KE	1758	1837	1838	1839		9123	3/14/70	D-9	D-8	D-7		B-3	8-B-2	0500	3-21-70
44	KE	1757	1837	1838	1839		9123	3/14/70	D-12	D-11	D-10		B-3	8-B-2	0500	3-21-70
39	KE	1762	1837	1838	1839		9048	3/15/70	C-4	C-5	C-6		A-3	8-A-20	0425	4/23/70
46	KE	1761	1837	1838	1839		9048	3/15/70	C-1	C-2	C-3		A-3	8-A-20	0425	4/23/70
37	KE	1760	1837	1838	1839		9123	3/15/70	C-7	C-8	C-9		B-3	8-B-2	0500	3-21-70
47	KE	1759	1837	1838	1839		9123	3/15/70	C-12	C-11	C-10		B-3	8-B-2	0500	3-21-70
44	KE	1764	1837	1838	1839		9048	3/15/70	B-9	B-8	B-7	3-15	A-3	8-A-20	0425	4/23/70
40	KE	1765	1837	1838	1839		9048	3/15/70	B-6	B-5	B-4	3-15	A-3	8-A-20	0425	4/23/70
41	KE	1766	1837	1838	1839		9048	3/15/70	B-3	B-2	B-1	3-15	A-3	8-A-20	0425	4/23/70
36	KE	1763	1837	1838	1839		9048	3/15/70	B-10	B-11	B-12	3-15	A-3	8-A-20	0425	4/23/70
45	C	839	119	118	117		8988	3/24/70	D-1	D-2	D-3	3-26	A-3	8-A-20	0425	4/23/70
41	KW	1741	138	137	139		9002	3/26/70	D-4	D-5	D-6	3-26	B-3	8-B-11	0255	4-17-70
44	KW	1740	134	135	136		9002	3/26/70	D-7	D-8	D-9	3-26	B-3	8-B-11	0255	4-17-70
43	KW	1742	142	141	140		9002	3/26/70	C-7	C-8	C-9	3-26	A-3	8-A-20	0425	4/23/70
42	KW	1744	144	143	142		9002	3/26/70	C-10	C-11	C-12	3-26	A-3	8-A-20	0425	4/23/70
40	KW	1743	145	144	143		9002	3/26/70	D-10	D-11	D-12	3-27	B-3	8-B-11	0255	4-17-70
39	KW	1735	917	916	915		9028	4/17/70	D-10	D-11	D-12	4-17-70	B-3	8-B-11	0255	4-18-70
44	KE	1774	912	913	914		9028	4/17/70	D-9	D-8	D-7	4-17-70	B-3	8-B-11	0255	4-18-70
36	KE	1777	911	912	913		9028	4/17/70	D-4	D-5	D-6	4-17-70	B-3	8-B-11	0255	4-18-70
47	KE	1786	2127	2126	2125		9008	4/18/70	D-10	D-11	D-12	4-18-70	A-3	8-A-16	0320	4/20/70
45	KW	1781	619	618	617		9028	4/18/70	D-7	D-8	D-9	4-18-70	A-3	8-A-16	0320	4/20/70
41	KW	1780	614	615	616		9028	4/18/70	D-4	D-5	D-6	4-18-70	A-3	8-A-16	0320	4/20/70
36	e	1792	1106	1105	1104		9008	4/20/70	D-4	D-5	D-6	4-20-70	B-3	8-B-19	12-8	4/22/70
44	KW	1792	541	540	543		9028	4-20-70	D-9	D-8	D-7	4-20-70	B-3	8-B-19	12-8	4/22/70

1969

SLUG STORAGE BASIN RECORD - PUREX 202 - A BUILDING																
CAR NO.	FROM AREA	LOAD NO.	POSITION			PIECES	KEY NO.	DATE REC'D.	TO BASIN POSITION NO'S.			DATE	TO DISS.	CHARGE NO.	TIME	DATE
			A	B	C				A	B	C					
36	C	4562	2345	2358	2289	*	8733	12-12	B-3	B-2	B-1	12-12	A-3	5-A-13	0730	12-28-69
37	C	4560	2281	2282	2283	*	8733	12-12	B-6	B-5	B-4	12-12	A-3	5-A-13	0730	12-28-69
46	C	4561	2285	2315	2315		8733	12-12	B-7	B-8	B-9	12-12	A-3	5-A-13	0730	12-28-69
47	C	4564	2037	2036	2037		8987	12-12	B-12	B-11	B-10	12-12	B-3	5-B-12	1900	12-27-69
44	C	4565	2034	2033	2034		8987	12-12	C-3	C-2	C-1	12-12	B-3	5-B-12	1900	12-27-69
40	C	4563	2039	2038	2039		8987	12-12	C-4	C-5	C-6	12-12	B-3	5-B-12	1900	12-27-69
39	KW	5515	1014	1013	1014		8777	12-13	C-7	C-8	C-9	12-13	B-3	5-B-12	1900	12-17-69
38	KW	5514	1011	1010	1009		8777	12-13	C-10	C-11	C-12	12-13	A-3	5-A-5	1505	12-17-69
46	KW	5516	1115	1116	1116		8777	12-13	D-1	D-2	D-3	12-13	B-3	5-B-12	1900	12-27-69
36	KW	5517	1114	1113	1112		8777	12-13	D-6	D-5	D-4	12-13	5-B-4	5B4	0245	12-17
37	KW	5518	1111	1110	1109		8777	12-13	D-9	D-8	D-7	12-13	B	5B4	0245	12-17
47	KW	5519	1114	1113	1112		8777	12-13	D-12	D-11	D-10	12-13	B	5B4	0245	12-17
36	C	4574	2079				8978	12-18	C-12			12-18	B-3	5-B-12	1900	12-27
36	C	4587	2011	2012	2012		8854	12-18	D-7	D-8	D-9	12-18	B-3	5B8	0230	12-20
38	C	4586	2321	2322	2323		8822	12-18	D-10	D-11	D-12	12-18	B-3	5B8	0230	12-20
39	C	4588	2324	2325	2326		8822	12-18	D-4	D-5	D-6	12-18	B-3	5B8	0230	12-20
37	C	4600	2333	2334	2331		8822	12-20	D-4	D-5	D-6	12-20	A-3	5-A-9	0210	12-21-69
45	C	4598	2332	2333	2334		8822	12-20	D-12	D-11	D-10	12-20	A-3	5-A-9	0210	12-21-69
44	C	4599	2019	2020	2021		8854	12-20	D-9	D-8	D-7	12-20	A-3	5-A-9	0210	12-21-69
FUEL ELEMENTS																

DECLASSIFIED

DECLASSIFIED

SODIUM HYDROXIDE AND SODIUM NITRATE REQUIREMENTS
FOR "E" METAL

Basis: 1.25 moles NaOH/mole Al

1.00 moles NaNO₃/mole Al

Slugs are different from the old reactors versus the newer K reactors, both in the amount of aluminum and the number of slugs in a bucket.

<u>Area</u>	<u>Number of Slugs</u>	<u>NaOH (50%)</u>		<u>NaNO₃ (36%)</u>	
		<u>Lbs.</u>	<u>Gallons</u>	<u>Lbs.</u>	<u>Gallons</u>
KE-KW	300	288	23	681	64
B,C,D	350	336	27	795	75

If the number of slugs per bucket vary from above, contact supervisor or process control. If the number of slugs per bucket are the same as above, use the following table to determine the caustic (NaOH) and sodium nitrate (NaNO₃) addition.

Caustic and Sodium Nitrate Requirements
For Various Charges

<u>Total Gallons Required for:</u>		<u>NaOH</u>	<u>NaNO₃</u>
18 buckets from K	0 buckets from others	414	1150
15 buckets from K	3 buckets from others	426	1180
12 buckets from K	6 buckets from others	438	1215
9 buckets from K	9 buckets from others	450	1245
6 buckets from K	12 buckets from others	462	1280
3 buckets from K	15 buckets from others	474	1310
0 buckets from K	18 buckets from others	486	1340

To convert to pounds:

NaOH gallons x 12.5

NaNO₃ gallons x 10.7

UNCLASSIFIED

PAGE NO. 2 A

SODIUM HYDROXIDE AND SODIUM NITRATE REQUIREMENTS
FOR NATURAL METAL

Basis: Natural Uranium, aluminum clad, I and E

1.25 moles NaOH/mole Al

1.00 moles NaNO₃/mole Al

Normal 240 Piece Buckets

Gallons 50% NaOH per bucket - 23
Pounds 50% NaOH per bucket - 289

Gallons 36% NaNO₃ per bucket - 60
Pounds 36% NaNO₃ per bucket - 637

Total Caustic and Sodium Nitrate
Requirements for Normal 240 Piece Buckets

<u>Number of Buckets</u>	<u>NaOH</u> <u>(Gallons)</u>	<u>NaNO₃</u> <u>(Gallons)</u>
18	414 ✓	1073 ✓
15	345	894
12	273	715

Special Buckets Containing Mixer Slugs

(Mixer - ~5.3 lbs weight factor)

<u>Percent Mixer</u>	<u>25%</u>	<u>50%</u>	<u>75%</u>	<u>100%</u>
Gallons 50% NaOH	25	26	28	31
Pounds 50% NaOH	321	334	355	395
Gallons 36% NaNO ₃	65	70	75	80
Pounds 36% NaNO ₃	689	742	795	848

PF Kison
7/31/68

UNCLASSIFIED

SLUG BASIN NUMBERING SYSTEM

Position B-8				Position D-12			
12	12	12	12				
11	11	11	11				
10	10	10	10				
9	9	9	9				
8	8	8	8				
7	7	7	7				
6	6	6	6				
5	5	5	5				
4	4	4	4				
3	3	3	3				
2	2	2	2				
1	1	1	1				
A	B	C	D				

- A. Rows are lettered A, B, C, D.
- B. Positions are numbered 1 through 12.
- C. Buckets are located by letter and number, for example D-12, C-1, etc.

UNCLASSIFIED

UNCLASSIFIED

May 28, 1963

P. E. Alley
B. E. Clark
N. P. Nisick
F. J. Sobeck
C. M. Thomas

SLUG BASIN NUMBERING SYSTEM

The identification system for metal stored in the basin is failing because the numbers on the storage yokes are gradually disappearing. To assure positive identification of stored metal, a new numbering system will be used starting June 1, 1963. The storage rows are identified by letters A, B, C, and D, starting at the east row. The positions in each row will be numbered 1 through 12 starting at the north end. This layout is shown on the attached sketch, along with examples of position numbering using the new system.

The 12-8 dispatcher on 6/1/63 will convert the records to the new numbering system and future changes will follow this system.

V. W. Smith

V. W. Smith
Specialist - Planning & Scheduling
Purex Processing Operation

VWS/sc

cc: Crane Operators (5)
Dispatchers (5)
R. W. McCullugh ←
F. G. Kimble
LB
File

UNCLASSIFIED

DATE

FILMED

9 / 15 / 94

END